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OAK

PHOTOGRAPHIC INTERPRETATION REPORT



[REDACTED]

MISSION 4027

20-25 APRIL 1966

PART II

[REDACTED]

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MAY 1966

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AND DECLASSIFICATION

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OAK - PART II

MISSION 4027

PREFACE

THIS IS THE SECOND OF THREE OAK REPORTS ON MISSION 4027 AND PROVIDES INFORMATION ON THE HIGHEST PRIORITY COMMITTEE ON OVERHEAD RECONNAISSANCE (COMOR) TARGETS OBSERVED ON THE PHOTOGRAPHY. THE REMAINDER OF THE COMOR TARGETS COVERED ON THIS PHOTOGRAPHY WILL BE REPORTED IN A SERIES OF OAK SUPPLEMENTS.

TARGETS ARE ARRANGED IN THE OAK BY SUBJECT AND WITHIN EACH SUBJECT BY COMOR TARGET NUMBER. TARGETS OF OPPORTUNITY OBSERVED DURING THE OAK REPORTING PERIOD ARE LISTED NUMERICALLY UNDER THE APPROPRIATE SUBJECT AFTER THE LISTING OF COMOR TARGETS. LOCATIONS OF TARGETS IN THIS REPORT ARE INDICATED BY THE COUNTRY CODE PRECEDING THE COORDINATES.

SELECTED PHOTOGRAPHIC REFERENCES FOR EACH TARGET OBSERVED AND REPORTED FOLLOW THE DESCRIPTION OF THE TARGET. PASS NUMBERS ARE LISTED FIRST, FOLLOWED BY FRAMES WHICH ARE INDICATED BY THE FRAME NUMBER WITH AN INDEX NUMBER RUNNING CONSECUTIVELY FROM THE BEGINNING OF EACH PASS -- 4/8 FOR EXAMPLE, MEANS FRAME 4, INDEX 8. UNIVERSAL REFERENCE GRID (X-Y) COORDINATES ARE GIVEN IN PARENTHESIS AFTER THE INDEX NUMBER TO WHICH THEY APPLY. THIS GRID IS IDENTIFIED AS UNIVERSAL GRID NO 1, FEB 64. SYMBOLS INDICATING CONDITIONS WHICH AFFECT THE APPEARANCE OF THE TARGET ON THE PHOTOGRAPHY ARE -- C (CLEAR), SC (SCATTERED CLOUD COVER), HC (HEAVY CLOUD COVER), H (HAZE), CS (CLOUD SHADOW), S (SNOW), O (OBLIQUITY), SD (SEMI DARKNESS), D (DARKNESS), GC (GROUND COVER), CF (CAMOUFLAGE), AND GR (GROUND RESOLUTION).

INTERPRETABILITY OF THE PHOTOGRAPHY IS CATEGORIZED AS G (GOOD), F (FAIR), OR P (POOR). THE EXTENT OF PHOTOGRAPHIC COVERAGE IS DENOTED BY THE SYMBOLS T (TOTAL) OR PT (PARTIAL). THE MODE OF COVERAGE IS INDICATED BY ST (STEREO), PS (PARTIAL STEREO), OR NS (NON-STEREO).

OAK RECIPIENTS ARE CAUTIONED THAT THE INITIAL SCAN OF THE PHOTOGRAPHY IS BEING ACCOMPLISHED IN A SHORT TIME AND PRIOR TO FINAL REFINEMENT OF EPHEMERIS DATA. CONSEQUENTLY, FUTURE DETAILED ANALYSIS MAY RESULT IN MINOR ALTERATIONS.

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Highlights

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HIGHLIGHTS

NOTE -- THE TARGET DATA INVENTORY SYSTEM OF DESIGNATING DEPLOYED ICBM MISSILE SITES IS USED FOR THE NEW MISSILE SITES IDENTIFIED ON THIS MISSION. WHERE POSSIBLE, NPIC WILL ADD A LETTER SUFFIX TO THE DESIGNATION OF TYPE IIID LAUNCH SITES TO INDICATE THE LAUNCH GROUP WITH WHICH THE SITE IS ASSOCIATED.

1. SVOBODNYI ICBM COMPLEX

EIGHT NEW TYPE IIID LAUNCH SITES, SITES 11 THROUGH 18, ARE IDENTIFIED. THESE ARE THE FIRST SINGLE SILO SITES IDENTIFIED AT SVOBODNYI. SEVEN ARE IN THE MID STAGE AND ONE IS IN THE EARLY STAGE OF CONSTRUCTION.

2. PERM ICBM COMPLEX

TWO NEW TYPE IIID SITES, SITES 38G AND 39G, ARE IDENTIFIED AND TWO LAUNCH SITES (G16 AND G17) ARE CONFIRMED. LAUNCH SITE G9, NO LONGER CONSIDERED TO BE A SITE, IS DROPPED FROM NPIC LISTINGS.

3. GLADKAYA ICBM LAUNCH GROUP G

THREE CONFIRMED AND ONE PROBABLE TYPE IIID LAUNCH SITES ARE NEWLY IDENTIFIED. LAUNCH SITES G2 AND G6 ARE NOW CONFIRMED. LAUNCH SITE G7 IS NO LONGER A VALID SITE AND IS DROPPED FROM THE NPIC LISTINGS.

4. ALEYSK ICBM COMPLEX

A TYPE IIIC LAUNCH SITE, SITE 12, IS NEWLY IDENTIFIED 700 FT NNW OF ABANDONED LAUNCH AREA D.

5. NOVAYA MEZINOVKA REGIONAL MIL STOR INSTLN

SOME OF THE MISSILE EQUIPMENT OBSERVED INCLUDES 16 POSSIBLE SS5 FUEL TRANSPORTERS, 15 POSSIBLE MISSILE ERECTORS, 9 POSSIBLE MISSILE TRANSPORTERS, APPROXIMATELY 50 POSSIBLE NOSECONE VANS, AND AT LEAST 100 SS4 FUEL/OXIDIZER TRAILERS.

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6. MOSCOW PROBABLE ABM LAUNCH COMPLEX (MISSILE BONUS)

THIS COMPLEX IS COLLOCATED WITH SAM SITE E33-1. CONSTRUCTION ACTIVITY OBSERVED AT TRIAD 1 IS BELIEVED TO BE FOR PROBABLE ABM LAUNCH POSITIONS.

7. KAMENSK-SHAKHTINSKIY CHEMICAL COMBINE 101 (MISSILE BONUS)

PHOTOGRAPHY OF GOOD INTERPRETABILITY REVEALS SEVERAL CHANGES IN FACILITIES AND PERMITS IDENTIFICATION OF SEVERAL PREVIOUSLY OBSERVED FEATURES.

8. HA-ERH-PIN AIRFRAME PLANT PING-FANG-TIEN

PLANT PROBABLY PRODUCES HOUND HELICOPTERS, AS INDICATED BY THE 2 HOUND AT THE ENTRANCE TO THE FINAL ASSEMBLY HALL AND THE LARGE NUMBER --21-- AT THE PLANT FLYAWAY FIELD.

9. CHIU-HO-SHIH AIRFIELD

TWO BADGER AIRCRAFT ARE PARKED ON A CONCRETE APRON AT THE WEST END OF THE AIRFIELD.

AN IRREGULARLY-SHAPED HIGH BAY PROBABLE ASSEMBLY/CHECKOUT BUILDING IS LOCATED NEAR THE CENTER OF THE AREA. THERE ALSO ARE 3 BUNKERS IN THE AREA. ONE BUNKER IS SIMILAR TO THE TRUNCATED BUNKER OBSERVED

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25X1

25X1

25X2

11. GORKIY SHIPYARD & HEAVY EQUIPMENT PLT 112

SUBMARINES OBSERVED ARE 1 PROBABLE Q-CLASS SS (WITH A POSSIBLE SONAR DOME ON THE BOW) AND 1 POSSIBLE J-CLASS SSG WITH VERTICAL SCREENING ALONG BOTH SIDES. THE LARGE BUILDING TO THE SW OF

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THE TRANSVERSER IS APPROXIMATELY 1,330 X 430 FT AND STILL IN THE VERY EARLY STAGES OF CONSTRUCTION.

12. SARY-SHAGAN HEN HOUSE ANTENNA RDR SITE 1

25X1

ORIENTATION OF THE PHOTOGRAPHY PROVIDES THE FIRST VIEW FROM A NEW ANGLE OF THE FACILITIES OF THIS SITE, THUS PROVIDING NEW DETAIL.

13. KUEI-YANG STORAGE DEPOT

25X1

IN AREA A, 5 TRACTOR-TRAILER TRUCKS, APPROXIMATELY 300 CARGO TRUCKS, 2 PROBABLE TRUCK-MOUNTED CRANES, AND 12 UNIDENTIFIED VEHICLES/PIECES OF EQUIPMENT ARE OBSERVED.

IN AREA B, 430 RAILROAD CARS, 50 RAIL TANK CARS, 150 CARGO TRUCKS, 2 CRANES, 5 TRACTOR-TRAILER TANK TRUCKS, AND 125 UNIDENTIFIED VEHICLES/PIECES OF EQUIPMENT ARE OBSERVED.

14. NYANDOMA SENSITIVE OPERATIONS COMPLEX

25X1

A NEWLY IDENTIFIED HARDENED ANTENNA AND CONTROL BUNKER ARE LOCATED APPROXIMATELY 1,500 FT SW OF THE MAINTENANCE AREA. PROPAGATION DIRECTION APPEARS TO BE TOWARD MOSCOW.

15. ZHUKOVKA SENSITIVE OPS CMLX SUPT AREA

25X1

A NEWLY IDENTIFIED, HIGH-FREQUENCY COMMUNICATIONS FACILITY IS IN THE NORTHERN PART OF THE SUPPORT AREA. PROPAGATION DIRECTION APPEARS TO BE TOWARD MOSCOW.

STATUS OF COMOR TARGET READOUT

128 COMOR TARGETS WERE OBSERVED DURING THE OAK REPORTING PERIOD AND ARE CONTAINED IN THIS OAK.

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Missiles

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MISSILES

SVOBODNYY ICBM COMPLEX

UR 5146N 12806E

25X1

MISSION 4027 REVEALS 8 NEWLY IDENTIFIED IIID SINGLE SILO SITES. SEVEN OF THE 8 SITES (11-17) ARE IN THE MID STAGES OF CONSTRUCTION AND THE OTHER ONE (18) IS IN THE EARLY STAGES. MINIMUM SEPARATION OF SITES 11 THROUGH 17 IS APPROXIMATELY 4 NM. EACH OF THE 7 SITES IN THE MID STAGE CONTAINS A TYPICAL IIID SILO, AT LEAST 2 CONSTRUCTION SHEDS NEARBY, A BUILDING IN A SHALLOW EXCAVATION NEAR WHAT IS EXPECTED TO BE THE ENTRANCE TO THE SITE, AND A LONG, RECTANGULAR, GABLE-ROOFED BUILDING ALONG THE ACCESS ROAD SERVING THE SITE. FENCING CANNOT BE IDENTIFIED AT ALL SITES.

THE SITE (18) IN THE EARLY STAGE OF CONSTRUCTION CONSISTS OF A SEVEN-SIDED FENCE ENCLOSING FOOTINGS FOR A LONG RECTANGULAR BUILDING. THERE ARE SEVERAL BUILDINGS UNDER CONSTRUCTION ALONG THE ACCESS ROAD IN THE VICINITY OF LAUNCH AREA E (SITE 6) WHICH MAY BE ASSOCIATED WITH THIS SITE. EXTENSIVE ROAD CONSTRUCTION SINCE [REDACTED] HAS TAKEN PLACE IN THE GENERAL VICINITY NORTH OF THE SINGLE SILO SITES WHICH INDICATES CONTINUED EXPANSION. NO OTHER MISSILE FACILITIES OBSERVED WITHIN THE PORTION OF SEARCH AREA COVERED.

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REFERENCES FOR SIGNIFICANT ITEMS [REDACTED] ARE AS FOLLOWS

25X1

SITE 11 51-53N 128-10E
SITE 12 51-48N 128-03E
SITE 13 51-47N 128-09E
SITE 14 51-50N 128-08E
SITE 15 51-55N 128-05E
SITE 16 51-51N 128-02E
SITE 17 51-54N 127-59E
SITE 18 51-44N 127-56E

25X1

(SEE ATTACHMENT)

25X1

SVOBODNYY ICBM LAUNCH AREA A (SITE 3)

UR 5154N 12809E

25X1

THERE ARE 6 UNIDENTIFIED VEHICLES PARKED ON THE FORWARD LOOP ROAD. FACILITIES SHOW NO APPARENT CHANGE.

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SVOBODNYY ICBM LAUNCH AREA D (SITE 4)

UR 5158N 12806E

25X1

THREE VEHICLES OBSERVED IN THE FACILITY.

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NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

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SVOBODNYY ICBM LAUNCH AREA E (SITE 6)

UR 5143N 12759E

ERECTOR ON LEFT PAD IS IN THE ERECTED POSITION.

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

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SVOBODNYY ICBM LAUNCH AREA F (SITE 5)

UR 5151N 12812E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

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DROVYANAYA ICBM COMPLEX

UR 5131N 11300E

NO NEW MISSILE FACILITIES OBSERVED. AREA OF UNIDENTIFIED ACTIVITY OBSERVED 14 NM ENE OF COMPLEX SUPPORT FACILITY CONSISTS OF AN EXCAVATION, POSSIBLE BUILDING, AND TRACK ACTIVITY.

DROVYANAYA ICBM LAUNCH AREA C (SITE 4)

UR 5127N 11303E

IDENTIFICATION ONLY.

PERM ICBM COMPLEX

UR 5742N 05619E

NO NEW MISSILE FACILITIES OTHER THAN THOSE REPORTED AT LAUNCH GROUP G OBSERVED WITHIN LIMITS OF PHOTOGRAPHY. SITE 36H REMAINS IN AN UNDETERMINED STAGE OF CONSTRUCTION.

PERM ICBM LAUNCH AREA A (SITE 1)

UR 5741N 05612E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, OR SIGNIFICANT CHANGES OBSERVED.

PERM ICBM LAUNCH AREA B (SITE 2)

UR 5743N 05555E

ONE MISSILE IS LOCATED NEXT TO THE RIGHT MISSILE READY BUILDING. NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

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PERM ICBM LAUNCH AREA C (SITE 3)

UR 5737N 05607E

TWO MISSILES ARE LOCATED IN FRONT OF THE LEFT READY BUILDING. NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

PERM ICBM LAUNCH AREA D (SITE 6)

UR 5744N 05600E

A MISSILE-LIKE OBJECT IS LOCATED IN FRONT OF THE LARGE READY BUILDING ASSOCIATED WITH THE RIGHT PAD. FOUR VEHICLES ARE LOCATED ON THE LEFT PAD. NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

PERM ICBM LAUNCH AREA E (SITE 5)

UR 5741N 05547E

A MISSILE IS LOCATED IN FRONT OF THE LEFT READY BUILDING. NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

PERM ICBM LAUNCH AREA F (SITE 4)

UR 5741N 05604E

FOUR POSSIBLE VEHICLES ARE LOCATED ON A PARKING APRON ADJACENT TO THE LOOP ROAD. NO MISSILES, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

PERM ICBM LAUNCH GROUP G

UR 5742N 05600E

TWO TYPE IIID SITES ARE NEWLY IDENTIFIED ON THIS MISSION AND ARE DESIGNATED 38G AND 39G. SITE 38G, LOCATED AT 57-48N 055-45E, IS IN A LATE STAGE OF CONSTRUCTION. SITE 39G, LOCATED AT 57-45N 055-42E, IS IN AN UNDETERMINED STAGE OF CONSTRUCTION. G16 (SITE 24) CAN BE CONFIRMED IN THE MID STAGE OF CONSTRUCTION AND G17 (SITE 22) CAN BE CONFIRMED IN AN UNDETERMINED STAGE OF CONSTRUCTION.

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G9 (SITE 28) IS NOT CONSIDERED TO BE A SITE AND IS DROPPED FROM NPIC LISTINGS. THE PROBABLE CONTROL BUNKER AT G4 (SITE 10) APPEARS COMPLETE BUT HAS NOT BEEN BACKFILLED. THE PROBABLE CONTROL BUNKER AT G7 (SITE 13) HAS BEEN COMPLETELY EARTH MOUNDED. THE L-SHAPED ELECTRONICS FACILITY HAS NOT BEEN IDENTIFIED AT EITHER OF THESE SITES. G10 (SITE 16) IS NOW IN A LATE STAGE OF CONSTRUCTION. THE FOLLOWING SITES REMAIN IN A LATE STAGE -- G1 (SITE 15), G2 (SITE 7), G3 (SITE 8), G4 (SITE 10), G5 (SITE 11), G7 (SITE 13), G8 (SITE 12), G11 (SITE 17), G12 (SITE 18), G13 (SITE 19), G15 (SITE 23), G18 (SITE 25) AND 35G. POSSIBLE G14 (SITE 20) IS CLOUD COVERED, WHILE POSSIBLE G19 (SITE 26) CAN BE IDENTIFIED ONLY.

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES, OTHER THAN THOSE NOTED, OBSERVED.

PHOTOGRAPHIC REFERENCES FOR NEW SITES

PERM ICBM COMPLEX SUPPORT FACILITY

UR 5742N 05619E

NO MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

PERM ICBM RAIL-TO-ROAD TRANSFER POINT

UR 5742N 05617E

THE TRANSFER POINT NOW CONTAINS APPROXIMATELY 40 BUILDINGS. THREE VEHICLES ARE LOCATED BETWEEN THE EASTERN 2 EARTH-MOUNDED BUILDINGS AT THE
NO MISSILE-RELATED EQUIPMENT OR PREVIOUSLY UNREPORTED CHANGES IN FACILITIES OBSERVED.

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GLADKAYA ICBM COMPLEX

UR 5606N 09214E

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WITH THE EXCEPTION OF THE 3 CONFIRMED AND 1 PROBABLE SITES NEWLY IDENTIFIED IN LAUNCH GROUP G, NO OTHER NEW MISSILE ACTIVITY IS OBSERVED IN CLOUD-FREE PORTIONS OF SEARCH AREA COVERED BY PHOTOGRAPHY.

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GLADKAYA ICBM LAUNCH AREA D (SITE 5)

UR 5621N 09215E

IDENTIFICATION ONLY.

25X1

GLADKAYA ICBM LAUNCH GROUP F

UR 5614N 09215E

LAUNCH SITES F6 (SITE 11), F7 (SITE 12), AND F10 (SITE 20) CAN BE IDENTIFIED ONLY. REMAINDER OF THE SITES IN F GROUP ARE NOT COVERED.

25X1

GLADKAYA ICBM LAUNCH GROUP G

UR 5614N 09145E

THREE CONFIRMED AND 1 PROBABLE SITE HAVE BEEN NEWLY IDENTIFIED AT THIS IIID LAUNCH GROUP. CONFIRMED SITES ARE 19G, 39G, AND 40G. THE PROBABLE SITE IS 38G. POSSIBLE SITES G2 (SITE 17) AND G6 (SITE 24) CAN NOW BE CONFIRMED. SITE G7 IS NO LONGER CONSIDERED TO BE A SITE AND IS DROPPED FROM NPIC LISTINGS.

ALL SITES EXCEPT 38G ARE IN A LATE STAGE OF CONSTRUCTION. AT SITE 38G, CONSTRUCTION STATUS IS UNDETERMINED. SITE G5 (SITE 23) IS A PROBABLE CONTROL SITE.

PHOTO REFERENCES FOR SIGNIFICANT ITEMS ON

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SITE 19G

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SITE 39G

SITE 40G

PROBABLE SITE 38G

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GLADKAYA ICBM COMPLEX SUPPORT FACILITY UR 5606N 09214E

IDENTIFICATION ONLY.

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GLADKAYA ICBM RAIL-TO-ROAD TRANSFER POINT UR 5607N 09213E

IDENTIFICATION ONLY.

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NOVOSIBIRSK ICBM COMPLEX UR 5515N 08259E

APPROXIMATELY 2.5 NM WEST OF LAUNCH AREA D (SITE 4) IS UNIDENTIFIED GROUND SCARRING AND TRACK ACTIVITY WITH AN ACCESS ROAD. THIS AREA WAS NOT EVIDENT ON MISSION

APPROXIMATELY 1,500 FEET SW OF THE LAUNCH AREA D (SITE 4) SUPPORT FACILITY IS AN AREA OF INCREASED TRACK ACTIVITY. NO NEW MISSILE FACILITIES OBSERVED.

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NOVOSIBIRSK ICBM LAUNCH AREA A (SITE 2) UR 5519N 08310E

POSSIBLE MISSILE AND MISSILE-RELATED EQUIPMENT IS OBSERVED IN ENTRANCE OF LEFT PAD MISSILE READY BUILDING. TWO VEHICLES FACILITY. NO NEW CONSTRUCTION OR SIGNIFICANT CHANGES OBSERVED.

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NOVOSIBIRSK ICBM LAUNCH AREA B (SITE 1) UR 5518N 08301E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, OR SIGNIFICANT CHANGES OBSERVED.

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NOVOSIBIRSK ICBM LAUNCH AREA D (SITE 4) UR 5522N 08313E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW
CONSTRUCTION, OR SIGNIFICANT CHANGES OBSERVED.

NOVOSIBIRSK ICBM LAUNCH AREA E (SITE 5) UR 5519N 08256E

A MISSILE IS OBSERVED ON TRANSPORTER ON LEFT LAUNCH
PAD. A PROBABLE MISSILE AND 2 RELATED TANK-TYPE
VEHICLES ARE IN ENTRANCE OF RIGHT LAUNCH PAD MISSILE
READY BUILDING. NO NEW CONSTRUCTION OR SIGNIFICANT
FEATURES OBSERVED.

ALEYSK ICBM COMPLEX

UR 5228N 08242E

WITH THE EXCEPTION OF THE NEWLY IDENTIFIED LAUNCH SITE
12 (REPORTED UNDER [REDACTED]), NO NEW MISSILE
FACILITIES HAVE BEEN IDENTIFIED IN THE CLOUD-FREE AREAS
COVERED BY THE PHOTOGRAPHY.

ALEYSK ICBM LAUNCH AREA A (SITE 1) UR 5227N 08235E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW
CONSTRUCTION, OR SIGNIFICANT CHANGES OBSERVED.

ALEYSK ICBM LAUNCH AREA B (SITE 2) UR 5229N 08240E

THE SILO LINER IS ON THE RECTANGULAR MOUND AND THE SITE
IS STILL IN A MID STAGE OF CONSTRUCTION, RATHER THAN A
LATE STAGE AS REPORTED IN [REDACTED]

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW
CONSTRUCTION, OR SIGNIFICANT CHANGES OBSERVED.

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ALEYSK ICBM LAUNCH AREA C (SITE 3)

UR 5233N 08242E

SITE NOW COMPLETE. ELECTRONICS FACILITY IS STILL NOT COMPLETE.

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, OR SIGNIFICANT CHANGES OBSERVED.

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ALEYSK ICBM LAUNCH AREA D (SITE 4)

UR 5232N 08234E

THE PREVIOUSLY REPORTED CONSTRUCTION ACTIVITY 700 FT NNW OF THE ORIGINAL SITE IS NOW CONFIRMED AS A TYPE IIIC ICBM LAUNCH SITE IN A MID STAGE OF CONSTRUCTION. THIS SITE IS DESIGNATED AS LAUNCH SITE 12. LAUNCH AREA D (SITE 4) HAS BEEN ABANDONED AND IS DROPPED FROM NPIC LISTINGS.

NO MISSILES, MISSILE-RELATED EQUIPMENT, OR NEW CONSTRUCTION OBSERVED.

(SEE ATTACHMENT)

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ALEYSK ICBM LAUNCH AREA E (SITE 5)

UR 5235N 08230E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, OR SIGNIFICANT CHANGES OBSERVED.

25X1

ALEYSK ICBM LAUNCH AREA G (SITE 7)

UR 5223N 08246E

NO MISSILES, MISSILE RELATED EQUIPMENT, NEW CONSTRUCTION, OR SIGNIFICANT CHANGES OBSERVED.

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ALEYSK ICBM LAUNCH AREA H (SITE 8)

UR 5217N 08249E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW
CONSTRUCTION, OR SIGNIFICANT CHANGES OBSERVED.

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IMENI GASTELLO ICBM COMPLEX

UR 5106N 06618E

NO NEW MISSILE FACILITIES OBSERVED IN CLOUD-FREE
PORTION OF THE PHOTOGRAPHY.

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IMENI GASTELLO ICBM LCH AREA A (SITE 1)

UR 5103N 06605E

LAUNCH AREA A NOW APPEARS COMPLETE. SIX
VEHICLES/PIECES OF EQUIPMENT ARE VISIBLE ON THE LOOP
ROAD. NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW
CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY
UNREPORTED FEATURES OBSERVED.

25X1

IMENI GASTELLO ICBM LCH AREA B (SITE 2)

UR 5106N 06601E

LAUNCH AREA B IS NOW IN A LATE STAGE OF CONSTRUCTION.

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW
CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY
UNREPORTED FEATURES OBSERVED.

25X1

IMENI GASTELLO ICBM LCH AREA D (SITE 4)

UR 5107N 06612E

LAUNCH AREA D NOW APPEARS COMPLETE. CONSTRUCTION
CONTINUES ON THE LEGS OF THE L-SHAPED ELECTRONIC
FACILITY. NO MISSILES OR MISSILE RELATED EQUIPMENT
OBSERVED.

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IMENI GASTELLO ICBM LCH AREA F (SITE 6) UR 5113N 06605E

25X1

LAUNCH AREA F REMAINS IN A MID STAGE OF CONSTRUCTION.
NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW
CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY
UNREPORTED FEATURES OBSERVED.

25X1

IMENI GASTELLO ICBM LCH AREA M (SITE 13) UR 5056N 06550E

CONSTRUCTION STATUS UNDETERMINED.

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW
CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY
UNREPORTED FEATURES OBSERVED.

25X1

IMENI GASTELLO ICBM LCH AREA P (SITE 16) UR 5102N 06550E

STATUS OF CONSTRUCTION UNDETERMINED. NO MISSILES,
MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN
FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1

DOLINA MRBM LAUNCH SITE 1

UR 4904N 02403E

ERECTORs ARE PRESENT ON EACH PAD, AND 28 MISCELLANEOUS
MISSILE-ASSOCIATED VEHICLES ARE IN THE LAUNCH SITE.
TWO PROBABLE SS-4 MISSILES ARE LOCATED ON THE MOST
NORTHERLY LOOP ROAD IN THE LAUNCH SITE. THE
UNIDENTIFIED CONSTRUCTION EAST OF THE LAUNCH SITE,
FIRST VISIBLE ON [REDACTED] IS NOW SEEN TO
CONSIST OF A TALL RECTANGULAR DRIVE-THROUGH BUILDING ON
A LOOP ROAD AND EXCAVATIONS FOR 2 PROBABLE STORAGE
TANKS. A TRENCH, POSSIBLY FOR A STEAM LINE, LEADS TO A
PROBABLE HEATING PLANT IN THE SUPPORT SITE. A PROBABLE
HARDENED COMMUNICATIONS ANTENNA IS UNDER CONSTRUCTION
AT THE HF COMMUNICATIONS SITE [REDACTED]

25X1

25X1

25X1

25X1

TOP SECRET

25X1

25X1

TOP SECRET

MISSION 4027 20-25 APR 66

25X1
25X1

DOLINA MRBM LAUNCH SITE 2

UR 4906N 02408E

AN EXERCISE IS APPARENTLY UNDERWAY ON 1 PAD.
APPROXIMATELY 34 MISCELLANEOUS VEHICLES ARE IN THE
LAUNCH SITE AND AN ADDITIONAL 8 ARE IN THE [REDACTED]
[REDACTED] TWO PROBABLE MISSILES ARE
VISIBLE NEAR THE 2 DRIVE-IN BUILDINGS [REDACTED]
[REDACTED] NO NEW CONSTRUCTION,
CHANGES IN FACILITIES, [REDACTED]
[REDACTED]

25X1
25X1
25X1
25X1
25X1
25X1

BOLEKHOV MRBM LAUNCH SITE

UR 4906N 02351

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW
CONSTRUCTION, CHANGES IN FACILITIES, PREVIOUSLY
UNREPORTED FEATURES, OR WARHEAD HANDLING FACILITY
OBSERVED.
[REDACTED]

25X1

BEREZHNI TSA FIXED FIELD MRBM SITE

UR 4912N 02357E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW
CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY
UNREPORTED FEATURES.
[REDACTED]

25X1

RAKUV FIXED FIELD MRBM SITE

UR 4858N 02405E

ONLY THE CLEARING LOCATED AT THE ENTRANCE TO THE SITE
IS COVERED. NO APPARENT CHANGE OR NEW CONSTRUCTION
VISIBLE.
[REDACTED]

25X1

KURDZHIPS KAYA MRBM LAUNCH SITE

UR 4431N 04000E

AN EXERCISE IS UNDER WAY ON THE SOUTH PAD. A MISSILE
TRANSPORTER, AN ERECTOR, 2 FUEL/OXIDIZER TRAILERS, AND
3 OTHER VEHICLES ARE ON THE PAD. ERECTORS ARE ON EACH
OF THE OTHER PADS, AND AT LEAST 24 MISSILE-ASSOCIATED
VEHICLES ARE ON THE PADS. AN UNIDENTIFIED OBJECT IS

25X1
25X1

TOP SECRET

TOP SECRET

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VISIBLE IN FRONT OF 1 MISSILE READY BUILDING. FOUR FUEL/OXIDIZER TRAILERS AND 2 PRIME MOVERS ARE IN THE FUEL/OXIDIZER AREA. APPROXIMATELY 18 VANS AND VEHICLES ARE IN THE [REDACTED] FACILITY. NO NEW CONSTRUCTION, OTHER CHANGES, PREVIOUSLY UNREPORTED FEATURES, OR CHANGES [REDACTED]

SIMUNA MRBM LAUNCH SITE 1

UR 5908N 02626E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

VAIKE MAARJA MRBM LAUNCH SITE

UR 5911N 02620E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

TAMSALU FIXED FIELD MRBM SITE

UR 5909N 02609E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

BYTEN MRBM LAUNCH SITE 1

UR 5252N 02521E

A PROBABLE MISSILE TRANSPORTER IS MATED TO AN ERECTOR ON ONE PAD. ERECTORS ARE VISIBLE ON THE 3 OTHER PADS. AT LEAST 11 MISSILE-ASSOCIATED VEHICLES ARE ON PADS AND ROADS IN THE LAUNCH SITE. NO NEW CONSTRUCTION, CHANGES IN FACILITIES, PREVIOUSLY UNREPORTED FEATURES, OR CHANGES [REDACTED]

TOP SECRET

TOP SECRET

MISSION 4027 20-25 APR 66

SARY-SHAGAN LAUNCH COMPLEX B (ZONE B) UR 4559N 07231E

THE ENTIRE COMPLEX IS COVERED. NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED] ONE PIECE OF UNIDENTIFIED EQUIPMENT REMAINS PARKED IN THE SW CORNER OF FACILITY A. AT FACILITY B, 2 UNIDENTIFIED VEHICLES/PIECES OF EQUIPMENT ARE PARKED ON THE EASTERN EDGE OF PAD B-2. TWO OTHER UNIDENTIFIED VEHICLES/EQUIPMENT ARE PARKED IN THE MISSILE/ASSEMBLY AND CHECKOUT AREA.

SARY-SHAGAN IMPACT AREA

UR 4623N 07324E

A 10- BY 20-NM ENE/WSW STRIP CENTERED ON 46-25N 073-25E IS COVERED BY STEREO PHOTOGRAPHY. NO IMPACT CRATERS IDENTIFIED. NO EVIDENCE OF CRATERS AT THE REPORTED COORDINATES.

QIRYAT YAM PROB SOLID PROPELLANTS TEST FAC IS 3252N 03505E

A NEWLY OBSERVED NARROW GAUGE RAIL CONNECTION BETWEEN A POSSIBLE MISSILE ASSEMBLY AND CHECKOUT FACILITY AND A PROBABLE ROCKET MOTOR TEST POSITION TENDS TO CONFIRM THIS INSTALLATION AS A SOLID PROPELLANT ROCKET DEVELOPMENT AND TEST CENTER.

TALLINN NAVAL BASE & SHPYD MORSKOY ZAVOD UR 5927N 02444E

NO APPARENT CHANGE IN FACILITIES.

OB ON [REDACTED] AT SHIPYARD -- UNIDENTIFIED ACTIVITY ON BUILDING WAYS.

OB ON [REDACTED] AT NAVAL BASIN -- 1 PROBABLE W-CLASS SS, 3 POSSIBLE KRONSHADT-CLASS PC, 2 POSSIBLE T-58-CLASS MSF, 4 T-43-CLASS MSF, AND NUMEROUS SMALL UNIDENTIFIED COMBATANTS.

TOP SECRET

TOP SECRET

MISSION 4027 20-25 APR 66

OB ON [] AT KOPLI BAY, NAVAL BASE AND SHIPYARD
BECKER -- 1 POSSIBLE R/W-CLASS SS IN TRANSPORTER DOCK,
1 PROBABLE A-CLASS SS, 1 PROBABLE SHCH-IV-CLASS OSS, 3
OSA-CLASS PTFG, 3 SERVICE CRAFT, AND 1 SMALL AUXILIARY.

OB ON [] AT SHIPYARD KOPLI 980 -- 4 RIGA-CLASS DE
(2 IN FLOATING DOCK), 8 MERCHANT SHIPS, 7 COASTERS, AND
SEVERAL SMALL YARD CRAFT.

AREA SE OF SHIPYARD MORSKOY ZAVOD IS NOT COVERED.

PALDISKI NAVAL BASE

UR 5921N 02404E

NO APPARENT CHANGE IN FACILITIES.

OB ON [] -- 10 Q-CLASS SS, 1 SHCH-IV-CLASS OSS, 1
PT, 1 FLOATING CRANE, 2 SMALL UNIDENTIFIED VESSELS IN
ICE OFF SHORE, AND 2 BARGES.

OB AT MTB BASE ON [] -- 16 P-6 CLASS PT (14 ON
QUAY) AND 3 SMALL UNIDENTIFIED VESSELS (2 ON QUAY ARE
POSSIBLY SIMILAR TO EAST GERMAN ILTIS-CLASS PT).

MOSCOW SAM SITE E33-1

UR 5620N 03648E

NEW CONSTRUCTION IS OBSERVED ON A MULTI-STORY APARTMENT
TYPE BUILDING IN THE SUPPORT AREA AND ON A BUILDING AT
THE SOUTH END OF THE HERRINGBONE OPPOSITE THE MISSILE
CHECKOUT BUILDING. APPROXIMATELY 11 PROBABLE GUILD
MISSILES ARE DISCERNIBLE AT THE SITE.

FOR INFORMATION ON PREVIOUSLY REPORTED AMM ASSOCIATED
ACTIVITY AT THE NORTH END OF THIS SITE SEE MOSCOW
PROBABLE ABM COMPLEX (MISSILE BONUS).

TOP SECRET

TOP SECRET

MISSION 4027 20-25 APR 66

25X1
25X1

PAKANBARU SAM SEARCH

ID 0032N 10127E

APPROXIMATELY 20 PERCENT OF THE NW SECTION OF THE SEARCH AREA IS COVERED. SEVENTY PERCENT OF THIS AREA IS CLOUD COVERED.

NO SAM SITES OR RELATED EQUIPMENT OBSERVED IN CLOUD-FREE AREAS.

25X1

25X1

LIEN-YUN-CHIANG COASTAL DEFENSE POSITION CH 3445N 11920E

SUPPORT AREA CONTAINS APPROXIMATELY 5 BUILDINGS. NO CHANGE IN CD POSITIONS.

25X1

TUNG-FANG SUSPECT COASTAL DEFENSE SITE CH 1901N 10846E

NO COASTAL DEFENSE SITE OBSERVED WITHIN LIMITS OF PHOTOGRAPHY.

25X1

GLAZOV REGIONAL MILITARY STOR INSTLN UR 5751N 05317E

MORE THAN 200 MISCELLANEOUS VEHICLES/PIECES OF EQUIPMENT OBSERVED. SCATTERED CLOUDS AND POOR INTERPRETABILITY PREVENT FURTHER IDENTIFICATION. NO ADDITIONAL CHANGES OR NEW ACTIVITY OBSERVED.

25X1

NOVAYA MEZINOVKA REGIONAL MIL STOR INSTLN UR 5331N 02655E

SIXTEEN POSSIBLE SS5 FUEL TRANSPORTERS, 15 POSSIBLE MISSILE ERECTORS, 9 POSSIBLE MISSILE TRANSPORTERS, 25 MISSILE READY TENTS, AND AT LEAST 40 MISCELLANEOUS CARGO VEHICLES OBSERVED IN STORAGE AREA. APPROXIMATELY 50 POSSIBLE NOSECONE VANS ARE LOCATED IN RAIL-TO-ROAD TRANSFER POINT. AT LEAST 100 SS4 FUEL/OXIDIZER TRAILERS, MORE THAN 70 RAIL CARS, AND AT LEAST 150 ADDITIONAL UNIDENTIFIED VEHICLES/PIECES OF EQUIPMENT OBSERVED WITHIN THE INSTALLATION. NO ADDITIONAL

25X1

25X1

TOP SECRET

TOP SECRET

25X1

25X1

MISSION 4027 20-25 APR 66

SIGNIFICANT CHANGES IN FACILITIES OBSERVED.

25X1

25X1

MOSCOW PROBABLE ABM LAUNCH COMPLEX

UR 5620N 03648E

BONUS 1

45 NM NW OF MOSCOW AND COLLOCATED WITH SAM SITE E33-1. CONSTRUCTION ACTIVITY OBSERVED AT TRIAD 1 IS PROBABLY FOR ABM LAUNCH POSITIONS. THE PLACEMENT OF THE PROBABLE LAUNCH POSITIONS APPEARS SIMILAR AROUND TRIAD BUILDINGS B AND C. THERE ARE 2 PROBABLE LAUNCH POSITIONS ON THE ACCESS ROAD NORTH OF THE SMALL TRIAD BUILDING AND 2 ON THE ACCESS ROAD SOUTH OF THE BUILDING. THE MINIMUM AVERAGE DISTANCE FROM THE SMALL TRIAD BUILDINGS IS APPROXIMATELY 180 FT ON THE NORTH AND 225 FT ON SOUTH. ON THE NORTH ACCESS ROAD, THE LAUNCH POSITIONS HAVE A LATERAL SEPARATION OF APPROXIMATELY 345 FT AT TRIAD BUILDING B AND 365 FT AT TRIAD BUILDING C.

WORK ON THE LAUNCH POSITIONS APPEARS TO BE ONLY IN THE FOUNDATION PREPARATION STAGE. RING-LIKE OBJECTS ARE OBSERVED AT THE 2 LAUNCH POSITIONS ON THE SOUTH ACCESS ROAD AT TRIAD BUILDING B.

IT IS POSSIBLE THAT SIMILAR ACTIVITY IS UNDERWAY ON THE ACCESS ROAD NORTH OF TRIAD BUILDING C AT TRIAD 2, ALTHOUGH ONLY GRADING IS APPARENT AT THIS TIME.

AT TRIAD 1, THE ENVIRONMENTAL SHELTERS ARE EXTERNALLY COMPLETE WITH THE CAPPING SECTIONS IN PLACE ON ALL THREE BUILDINGS. IN ADDITION, THE RAIL-MOUNTED GANTRY CRANE HAS BEEN REMOVED.

AT TRIAD 2, RING STRUCTURES ARE PRESENT ON THE ROOFS OF ALL 3 BUILDINGS. THE RING SURROUNDING THE PEDESTAL MOUNT IS 90 FT IN DIAMETER AT TRIAD BUILDING A AND 60 FT IN DIAMETER ON TRIAD BUILDINGS B AND C.

TWO WING-TYPE STRUCTURES, NOT PREVIOUSLY OBSERVED IN TRIAD CONSTRUCTION, ARE LOCATED AT THE REAR CORNERS OF

TOP SECRET

25X1

25X1

TOP SECRET

25X1

25X1

MISSION 4027 20-25 APR 66

TRIAD BUILDING A, PROJECTING BEHIND AND PARALLEL TO THE BUILDING.

TWO RINGS, WITH AN OUTSIDE DIAMETER OF APPROXIMATELY [REDACTED] FT, ARE ON THE GROUND NEAR TRIAD BUILDING A.

25X1

MENSURATION OF THE BUILDINGS AT TRIAD 2 IS AS FOLLOWS -- TRIAD BUILDING A 120 FT X 155 FT AND TRIAD BUILDINGS B AND C 95 FT X 105 FT. HEIGHTS CAN NOT BE DETERMINED AT THIS TIME.

(SEE ATTACHMENT)

25X1

KAMENSK-SHAKHTINSKIY CHEMICAL COMBINE 101 UR 4819N 04016E BONUS 2

GOOD INTERPRETABILITY REVEALS SEVERAL CHANGES IN FACILITIES AND PERMITS IDENTIFICATION OF SEVERAL PREVIOUSLY OBSERVED FEATURES.

THE SEPARATELY SECURED PRODUCTION AREA APPROXIMATELY 2 NM SW OF THE OLD PRODUCTION PLANT IS IDENTIFIED AS AN ADVANCED SOLID PROPELLANT PRODUCTION AREA. WITHIN THIS AREA, THE HEAVILY REVETTED BUILDING, WHICH APPEARED TO BE DESTROYED ON THE LAST COVERAGE [REDACTED]

25X1

25X1

[REDACTED] HAS BEEN REBUILT. OF THE 2 LARGE RECTANGULAR BUILDINGS IN THE SW SIDE OF THE AREA WHICH HAVE BEEN UNDER CONSTRUCTION, THE WESTERNMOST BUILDING IS NOW COMPLETE, WHILE THE ADJACENT BUILDING IS BEING ROOFED OVER IN THE CENTER SECTION. THE 4 DIAGONALLY-ALIGNED BUILDINGS IN THE CENTER OF THE AREA CAN NOW BE SEEN TO HAVE 3 SECTIONS, EACH SEPARATELY RAIL-SERVED. EACH BUILDING IS SERVED BY STEAM LINES. THESE FEATURES IDENTIFY THEM AS CURING BUILDINGS. THE 4 BUILDINGS ON THE SW SIDE OF THE AREA ARE PROBABLY CURING BUILDINGS ALSO. THE LARGE 3-BAY BUILDING IN THE CORNER OF AREA HAS BEEN ENLARGED AND IS NOW IDENTIFIED AS A POSSIBLE CASE PREPARATION BUILDING.

RAIL SERVICE TO ALL THE MAIN BUILDINGS IN THIS AREA IS NOW COMPLETE, AND NUMEROUS RAIL CARS ARE VISIBLE. TWO CARS, ONE 15 BY 5 FT AND ONE 20 BY 5 FT, ARE VISIBLE IN THE SW SIDE OF THE AREA. TWO CYLINDRICAL OBJECTS, 10 BY 5 FT, ARE VISIBLE ON TRANSPORTERS ON A ROAD IN THE NE PART OF THE AREA.

IN THE OLD PRODUCTIONS AREA OF PLANT 101 A CONSIDERABLE

TOP SECRET

25X1

25X1

25X1
25X1
25X1

TOP SECRET

MISSION 4027 20-25 APR 66

AMOUNT OF DETAIL IS NOW VISIBLE ALTHOUGH NO MAJOR
CHANGES ARE OBSERVED. A SWITCH ENGINE PUSHING A RAIL
CAR IS LOCATED ON THE SPUR SERVING THE NE REVETTED
COMPONENT OF THE POSSIBLE CASTING FACILITY. THE SE
NITROGLYCERIN LINE IS STILL BEING MODIFIED.

(SEE ATTACHMENT)

25X1

TOP SECRET

25X1
25X1

**Air
Facilities**

TOP SECRET

25X1

25X1

MISSION 4027 20-25 APR 66

AIR FACILITIES

25X1

SPASSK-DALNIY AIRFIELD EAST

UR 4437N 13253E

25X1

A SECURED AAM FACILITY IS IN THE LATE STAGES OF
CONSTRUCTION AT THE NE END OF THE FIELD.

CENTER SECTION OF RUNWAY IS UNDER REPAIR.

OB -- [] - 1 SMALL STRAIGHT WING.

25X1

25X1

RYAZAN/DYAGILEVO AIRFIELD

UR 5439N 03935E

NO NEW CONSTRUCTION OR NUCLEAR OR MISSILE FACILITIES
OBSERVED.

OB -- 5 BISON, 1 BADGER, 1 CRATE, 1 CAB, AND 2 COLT.

25X1

25X1

TOP SECRET

25X1

25X1

TOP SECRET

MISSION 4027 20-25 APR 66

SARY-SHAGAN AIRFIELD

UR 4601N 07330E

NO NEW CONSTRUCTION OBSERVED.

OB -- 16 BADGER, 6 FISHBED, 10 FAGOT/FRESCO, 2 CRATE, 5 CAB, 9 COLT, AND 1 HARE ON MAIN PARKING APRON. FIVE BEAGLE, 15 FISHPOT, 9 FARMER, AND 34 FAGOT/ FRESCO ON SW PARKING APRON. ONE COLT ON APRON ADJACENT TO MAIN PARKING APRON. TWO BADGER AND 3 FISHPOT IN HANGAR AREA. ONE CAMP, 2 CAB, 2 COLT, AND 1 HOUND ON APRON ADJACENT TO MAIN PARKING APRON.

GORKIY/SORMOVO AIRFIELD

UR 5619N 04348E

NO APPARENT CHANGE IN FACILITIES.

OB -- 1 FISHBED, 1 FAGOT/FRESCO, 1 CAB, 1 CRATE, AND 2 COLT.

GORKIY AIRFRAME PLANT ORDZHONIKIDZE 21

UR 5620N 04352E

NO APPARENT CHANGE IN FACILITIES. PLANT ACTIVITY IS HEAVY. AT LEAST 10 PROBABLE FISHBED CRATES AND NUMEROUS SMALL CRATES OBSERVED.

OB -- 3 FISHBED AND 1 FISHPOT IN PLANT AREA.

FOR ADDITIONAL OB COUNT AT FLY-AWAY FIELD SEE COMOR

KERCH/BAGEROVO AIRFIELD

UR 4524N 03616E

NO CHANGES OR NEW CONSTRUCTION OBSERVED.

OB -- ONE BLINDER, 5 BADGER, 1 CAT/CUB, AND 4 CRATE ON SW PARKING APRON. FOUR FITTER, 7 FLASHLIGHT/FIREBAR TYPE, 1 FAGOT/FRESCO AND 5 MANDRAKE ON NE PARKING APRON. ONE BEAGLE ON GRASS JUST EAST OF NE PARKING APRON. FOUR BEAGLE, 1 FLAGHLIGHT/FIREBAR TYPE AND 2 MANDRAKE ON EAST PARKING APRON.

TOP SECRET

TOP SECRET

MISSION 4027 20-25 APR 66

OB -- 1 BLINDER, 5 BADGER, 1 CAT/CUB AND 4 CRATE ON SW PARKING APRON. FOUR FITTER, AND 6 FLASHLIGHT/FIREBAR-TYPE, 1 FAGOT/FRESCO AND 5 MANDRAKE ON NE PARKING APRON. ONE BEAGLE ON GRASS JUST EAST OF NE PARKING APRON. FOUR BEAGLE, 1 FLASHLIGHT/FIREBAR-TYPE AND 2 MANDRAKE ON EAST PARKING APRON.

HA-ERH-PIN AIRFRAME PLANT PING-FANG-TIEN CH 4535N 12639E

NO APPARENT CHANGE IN FACILITIES. PLANT PROBABLY PRODUCES HOUND HELICOPTERS, AS INDICATED BY THE 2 HOUND AT THE ENTRANCE TO THE FINAL ASSEMBLY HALL AND THE LARGE NUMBER (21) AT THE PLANT FLYAWAY FIELD. PLANT ACTIVITY APPEARS TO BE HEAVY. AT LEAST 15 VEHICLES ARE IN THE PLANT AREA AND 16 RAIL CARS ARE ON THE RAIL SPURS. FOR OB COUNT AT FLY-AWAY FIELD SEE COMOR

OAK PART I.

(SEE ATTACHMENT)

CHUNG-AN AIRFIELD

CH 2742N 11800E

IDENTIFICATION ONLY.

LEI-YANG AIRFIELD

CH 2635N 11253E

VERY SMALL SECTION OF SE END OF AIRFIELD OBSERVED. NO NEW CONSTRUCTION DISCERNIBLE.

OB -- 8 SMALL SWEPT WING.

LI-CHIA-TSUN AIRFIELD

CH 2511N 11019E

THE NORTHERN HALF OF THE RUNWAY AND PARALLEL TAXIWAY APPEAR COMPLETE. CONSTRUCTION IS CONTINUING ON THE

TOP SECRET

TOP SECRET

MISSION 4027 20-25 APR 66

25X1
25X1
25X1

REMAINDER OF THE FIELD.

OB -- NONE OBSERVED IN CLOUD-FREE AREAS.

25X1

LIU-CHOU AIRFIELD

CH 2417N 10923E

IDENTIFICATION ONLY.

25X1

25X1

NAN-NING AIRFIELD

CH 2249N 10820E

NO NEW CONSTRUCTION OR CHANGES IN FACILITIES OBSERVED
IN CLOUD-FREE AREAS.

OB -- NONE OBSERVED.

25X1

SSU-MAO AIRFIELD NORTH

CH 2247N 10058E

OB -- 1 CRATE.

NO NEW CONSTRUCTION OR CHANGES IN FACILITIES.

25X1

LEI-PEI AIRFIELD

CH 2124N 11012E

NO NEW CONSTRUCTION DISCERNIBLE.
RUNWAY, WEST DISPERSAL AREA, AND PART OF THE EAST
DISPERSAL AREAS OBSERVED.

OB -- 3 FARMER AND 16 FRESCO.

25X1

TENG-AO-PAO AIRFIELD

CH 4106N 12251E

NO NEW CONSTRUCTION OR CHANGES IN FACILITIES OBSERVED.

OB -- 19 FARMER AND 3 FAGOT.

TOP SECRET

25X1

25X1

TOP SECRET

MISSION 4027 20-25 APR 66

25X1
25X1

25X1

KUN-MING AIRFIELD

CH 2459N 10244E

NO NEW CONSTRUCTION OR CHANGES IN FACILITIES.

OB -- 1 BEAGLE, 21 FAGOT/FRESCO (2 IN FLIGHT), 1 COOT,
3 CRATE, 6 COLT, 2 MAX/MOOSE, AND 3 HOUND.

25X1

25X1

SHAN-TOU AIRFIELD NORTHEAST

CH 2325N 11645E

NO APPARENT CHANGE IN FACILITIES.

OB -- NONE OBSERVED.

25X1

KEP AIRFIELD

VN 2124N 10616E

CONSTRUCTION CONTINUES ON THE PARALLEL TAXIWAY. NO NEW
CONSTRUCTION OBSERVED IN CLOUD-FREE AREAS.

OB -- 4 FAGOT/FRESCO.

25X1

GORODOK AIRFIELD

UR 4944N 02340E

AN AIR WARNING RADAR SITE LOCATED 4,000 FT EAST OF THE
CENTER OF THE RUNWAY CONSISTS OF A SMALL BUILDING, 3
RADAR MOUNDS OCCUPIED BY 1 PROBABLE BARLOCK, 1 ROCK
CAKE/STONE CAKE, 1 UNIDENTIFIED RADAR, AND NUMEROUS
ASSOCIATED VANS.

OB -- 32 BEAGLE, 7 PROBABLE BREWER, 51 FISHBED, 13
PROBABLE FIREBAR, 2 FRESCO, 5 FAGOT, 1 CAB, AND 1
AIRCRAFT FUSELAGE.

25X1

TOP SECRET

25X1

25X1

TOP SECRET

25X1
25X1

MISSION 4027 20-25 APR 66

CHIU-HO-SHIH AIRFIELD

CH 4210N 08713E

25X1

TWO BADGER AIRCRAFT ARE PARKED ON A CONCRETE APRON AT THE WEST END OF THE AIRFIELD. TOWING/TAXIING STRIPES, PAINTED ON THE APRON, CONVERGE IN THE CENTER OF THE TAXIWAY LEADING TO THE RUNWAY. THERE IS NO EVIDENCE OF SECURITY AROUND THIS AREA. AN UNIDENTIFIED SINGLE-STORY BUILDING IS LOCATED WEST OF THE APRON. TWELVE FARMER AIRCRAFT ARE PARKED ON A HARDSTAND AT THE WEST END OF THE RUNWAY AND 2 CRATE ARE PARKED NORTH OF THE RUNWAY. A NEW TAXIWAY IS UNDER CONSTRUCTION LEADING NW FROM THIS HARDSTAND.

TWO PARALLEL SCARS, POSSIBLY FENCE LINES, ENCLOSE THE AREA ON 3 SIDES. TWO OTHER PARALLEL SCARS ARE ON THE FOURTH SIDE. THESE SCARS EXTEND WELL BEYOND THE AREA. OVERALL SITE MEASURES 1,100 X 400 FT. AN IRREGULARLY-SHAPED HIGH BAY PROBABLE ASSEMBLY/CHECKOUT BUILDING IS LOCATED NEAR THE CENTER OF THE AREA. THE LOWER PORTION OF THE BUILDING IS APPROXIMATELY HIGH, AND MEASURES 55 X 70 FT OVERALL. THE HIGH BAY MEASURES 45 X 25 FT, AND IS APPROXIMATELY 25 FT HIGHER THAN THE LOW BAY. THERE ALSO ARE 3 BUNKERS IN THE AREA. ALL 3 BUNKERS AND THE CHECKOUT BUILDING ARE ON THE CENTERLINE OF THE AREA. THE ISOLATED BUNKER, 340 FT WEST OF THE CHECKOUT BUILDING, IS IN THE SHAPE OF A TRUNCATED PYRAMID. BASE OF THE BUNKER IS 75 X 60 FT, AND 30 X 30 FT AT THE TOP. THIS BUNKER IS SIMILAR IN APPEARANCE TO THE TRUNCATED BUNKER OBSERVED AT THE

THAT THIS BUNKER HAS AN OPEN FACE. THE SOVIET BUNKER HAS A NARROW PROJECTING ENTRANCE. THE OTHER 2 BUNKERS ARE 180 AND 350 FT EAST OF THE CHECKOUT BUILDING AND MEASURE APPROXIMATELY 40 X 35 AND 85 X 45 FT RESPECTIVELY. THERE ARE NO BUNKERS PRECISELY CORRESPONDING TO THESE AT THE SOVIET TYPE I SITES. HOWEVER, THERE ARE 2 REVETTED BUILDINGS AT THE SOVIET SITE. ALTHOUGH NO SPECIFIC FUNCTION HAS BEEN ASCRIBED TO ANY OF THESE, IT IS PROBABLE THAT ONE IS FOR THE HE COMPONENTS AND ONE POSSIBLY FOR ASSOCIATED ELECTRONIC OR OTHER GEAR.

THUS FAR, THERE IS NO DIRECT ROAD CONNECTION BETWEEN THIS AREA AND THE APRON WITH THE BADGERS, APPROXIMATELY 10,000 FT TO THE WEST.

TOP SECRET

25X1

25X1

TOP SECRET

MISSION 4027 20-25 APR 66

25X1
25X1

(SEE ATTACHMENT)

25X1

AKTOGAY/ZHUZ-AGACH AIRFIELD

UR 4700N 07939E

25X1

NO NEW CONSTRUCTION OR CHANGES IN FACILITIES OBSERVED
IN CLOUD-FREE AREAS.

OB -- NONE.

25X1

HSU-PU AIRFIELD

CH 2756N 11040E

AIRFIELD STILL IN THE EARLY STAGES OF CONSTRUCTION.

OB -- NONE.

25X1

DOLON ASM FACILITY

UR 5031N 07904E

BONUS 1

NO NEW CONSTRUCTION OR CHANGES IN FACILITIES OBSERVED.

OB -- 5 KANGAROO.

25X1

TOP SECRET

25X1
25X1

Nuclear Energy

Page Denied

Next 2 Page(s) In Document Denied

**Naval
Activity /
Ports**

TOP SECRET

MISSION 4027 20-25 APR 66

25X1
25X1

NAVAL ACTIVITY/PORTS

NIKOLAYEV SHPYD NORTHERN 61 KOMMUNA 445 UR 4659N 03201E

25X1

NO APPARENT CHANGE IN FACILITIES.

OB -- 1 KASHIN-CLASS DLG AND 1 POSSIBLE KASHIN-CLASS DLG ON THE BUILDING WAYS, 2 KASHIN-CLASS DLG AT FITTING OUT QUAY, 1 KASHIN-CLASS DLG IN A FLOATING DRYDOCK, 1 KOTLIN-CLASS DDG, 1 KOTLIN-CLASS DD WITH AFT GUNS PROBABLY REMOVED, 2 SIBIR-CLASS REFRIGERATED TRANSPORTS, AND 1 UNIDENTIFIED AUXILIARY.

(SEE ATTACHMENT)

25X1

GORKIY SHIPYARD & HEAVY EQUIPMENT PLT 112 UR 5622N 04352E

OB -- 1 PROBABLE Q-CLASS SS (WITH A POSSIBLE SONAR DOME ON THE BOW), 1 POSSIBLE J-CLASS SSG WITH VERTICAL SCREENING ALONG BOTH SIDES, 3 TRANSPORTER DOCKS, 1 PROBABLE TRAIN FERRY, AT LEAST 2 OCCUPIED FLOATING DOCKS, 2 STACK AFT VESSELS, 2 POSSIBLE FLOATING WORKSHOP-TYPE TYPE VESSELS, 1 POSSIBLE AIR CUSHION/HYDROFOIL VESSEL, AND 1 FLOATING CRANE ALONG THE VOLGA RIVER. ONE TRANSPORTER DOCK ON THE TRAVERSER CRADLE. ONE TRANSPORTER DOCK AND 1 POSSIBLE ZEYA-CLASS YRSN UNDER CONSTRUCTION ON THE BUILDING WAYS.

THE ROOF IS ALMOST COMPLETE ON THE THIRD BAY OF THE NEW BUILDING TO THE WEST OF THE TRANSVERSER. THE LARGE BUILDING TO THE SW OF THE TRANSVERSER IS APPROXIMATELY 1,330 X 430 FT AND STILL IN THE VERY EARLY STAGES OF CONSTRUCTION. A SMALL SECTION OF THE ROOF HAS BEEN PLACED ON THE SE CORNER OF THE STRUCTURE. A THIRD NEW BUILDING, 480 X 155 FEET, IS UNDER CONSTRUCTION IN THE NE CORNER OF THE YARD. A SMALL SECTION OF THE YARD IS UNDER WATER WHERE THE VOLGA RIVER HAS OVERFLOWED ITS BANK.

(SEE ATTACHMENT)

25X1

TOP SECRET

25X1
25X1

**Biological/
Chemical
Warfare**

Page Denied

**Electronics/
Communications**

TOP SECRET

MISSION 4027 20-25 APR 66

25X1

25X1

ELECTRONICS/COMMUNICATIONS

GALENKI ESV TRACKING STATIONS

UR 4401N 13145E

25X1

FACILITY CONSISTS OF 2 TRACKING STATIONS. NORTHERNMOST STATION (TYPE B) CONSISTS OF 2 CONTROL-TYPE BUILDINGS, EACH WITH A 50 FT PARABOLIC DISH MOUNTED ON TOP. IN ADDITION, A NEWLY IDENTIFIED PARABOLIC TRACKING DISH (APPROXIMATELY 30 FT IN DIAMETER) IS LOCATED IMMEDIATELY NORTH OF EACH CONTROL BUILDING.

SOUTHERNMOST STATION (TYPE A) CONSISTS OF 2 CONTROL-TYPE BUILDINGS WITH ENVIRONMENTAL DOMES PLACED ON TOP.

A PROBABLY 16 ELEMENT HELIX ANTENNA (WHICH MEASURES [REDACTED]) IS LOCATED IMMEDIATELY ADJACENT TO A LARGE BUILDING WEST OF THE SOUTHERNMOST TRACKING STATION. IMMEDIATELY WEST OF THE HELIX ANTENNA IS A LARGE COMMUNICATIONS FACILITY WITH NUMEROUS UNIDENTIFIED ANTENNAS, A CONTROL BUILDING, AND A MICROWAVE TOWER. APPROXIMATELY 15 SUPPORT BUILDINGS ARE SCATTERED THROUGHOUT THE FACILITY.

25X1

25X1

(SEE ATTACHMENT)

25X1

CHALOBAY TALL KING FACILITY SEARCH

UR 4920N 08244E

25X1

CENTRAL 15 PERCENT OF SEARCH AREA COVERED. NO TALL KING OBSERVED.

25X1

OSSORA TALL KING-AW RADAR FACILITY SEARCH UR 5917N 16305E

ONLY THE SOUTHERN 5 PERCENT OF SEARCH AREA COVERED BY PHOTOGRAPHY. NO NEW TALL KING RADAR OBSERVED.

25X1

SARY-SHAGAN HEN HOUSE ANTENNA RDR SITE 1 UR 4559N 07339E

THE ANTENNA FACE IS NOT VISIBLE. WORK CONTINUES ON THE REAR ROOF SLOPE OF THE ANTENNA BUILDING. TWENTY-THREE

TOP SECRET

25X1

25X1

TOP SECRET

MISSION 4027 20-25 APR 66

25X1
25X1

WINDOW-LIKE AREAS CAN BE SEEN FOR THE FIRST TIME ALONG THE REAR WALL OF THE BUILDING. NO CHANGE IS OBSERVED IN THE CONTROL BUILDING, WHICH MEASURES 425 X 65 X 40/55 FT HIGH.

THIS MISSION PROVIDES THE ONLY LARGE SCALE COVERAGE OF THE VERTICAL SCREEN WHICH WAS IN THE INITIAL CONSTRUCTION STAGES IN [] AND APPEARED EXTERNALLY COMPLETE BY [] THE SCREEN IS APPROXIMATELY 75 FT HIGH AND 245 FT WIDE. IT APPARENTLY HAS NO CURVATURE IN THE HORIZONTAL PLANE. IT IS APPROXIMATELY [] THICK AT THE TOP, THE BASE THICKNESS CANNOT BE DETERMINED. SIX BASIC STRUCTURAL SUPPORTS ALONG ITS EAST SIDE ARE DISCERNIBLE FOR THE FIRST TIME. THE SCREEN DOES NOT APPEAR TO LINE UP WITH THE SOUTHERN EXTREMITY OF THE PANELED TRIANGULAR DECK AS WAS ORIGINALLY THOUGHT BUT TO HAVE BEEN CONSTRUCTED APPROXIMATELY [] NORTH OF IT. PROBABLE LIGHTNING ARRESTERS APPROXIMATELY 185 FT HIGH ARE JUST NORTH AND SOUTH OF THE SCREEN.

25X1
25X1

25X1

25X1

THE PANELED HORIZONTAL TRIANGULAR DECK WHICH WAS OBSERVED IN THE INITIAL CONSTRUCTION STAGES IN [] AND APPEARED COMPLETE IN [] IS APPROXIMATELY 245 FT WIDE AT THE BASE, 85 FT WIDE AT THE APEX, WITH A DEPTH OF 195 FT. THE SURFACE, WHICH APPEARS TO BE FLAT, IS APPROXIMATELY [] FROM THE GROUND.

25X1
25X1

25X1

THE BUILDING CLOSE TO THE APEX OF THE PANELED DECK MEASURES APPROXIMATELY [] HIGH AND IS CONNECTED TO IT BY 2 PARALLEL CONDUITS APPROXIMATELY 35 FT IN LENGTH.

25X1

A SMALL LOW UNIDENTIFIED FACILITY IS 55 FT WEST OF THIS BUILDING, AND A SECOND SMALL UNIDENTIFIED FACILITY IS 120 FT SOUTH OF THE FIRST.

NO SIGNIFICANT CHANGE IS OBSERVED IN THE SUPPORT AREA WHICH CONSISTS OF APPROXIMATELY 30 BUILDINGS, LARGELY BARRACKS AND WAREHOUSES.

A PROBABLE MICROWAVE TOWER CAN NOW BE IDENTIFIED IN A SMALL SECURED AREA JUST EAST OF THE MAIN SUPPORT AREA.

(SEE ATTACHMENT)

25X1

TOP SECRET25X1
25X1

TOP SECRET

MISSION 4027 20-25 APR 66

25X1
25X1
25X1

SARY-SHAGAN HEN ROOST ANTENNAS RDR SITE 2 UR 4556N 07338E

25X1

THIS PHOTOGRAPHY RECONFIRMS THE FACT THAT THE REFLECTOR AND CLUTTER SCREENS HAVE BEEN DISMANTLED AT HEN ROOST ANTENNA NORTH, AS HAS THE REFLECTOR SCREEN AT HEN ROOST ANTENNA SOUTH. FOOTINGS REMAIN AT THE SITES OF THE FORMER SCREENS OF BOTH HEN ROOST ANTENNAS. CRATES CAN BE SEEN AT BOTH SITES AND IN THE SUPPORT AREA. THOSE AT HEN ROOST ANTENNA NORTH MEASURE APPROXIMATELY 30 BY 10 FT. SUPPORTING FACILITIES AT HEN ROOST ANTENNA NORTH SHOW NO APPARENT CHANGE. SUPPORT FACILITIES AT HEN ROOST SOUTH INCLUDE 5 SMALL SUPPORT BUILDINGS, A WATER STANDPIPE, A T-SHAPED CONTROL BUILDING, AND 2 PROBABLE COOLING PONDS. ROOF DISCOLORATION IS VISIBLE ON THE CONTROL BUILDING, AND COULD INDICATE ANTICIPATED DISMANTLING OR REPAIR.

THE SUPPORT AREA FOR THE HEN ROOST ANTENNAS IS COMPOSED OF 23 BUILDINGS AND A TRANSFORMER SUBSTATION, AND SHOWS NO APPARENT CHANGE.

(SEE ATTACHMENT)

25X1

SARY-SHAGAN COMMUNICATION SITE 2

UR 4555N 07338E

25X1

SITE APPEARS COMPLETE. THE 8 SINGLE RHOMBIC ANTENNAS PRESENT IN [] APPEAR UNCHANGED. IN ADDITION TO THE 10 STICK MASTS IDENTIFIED IN [] 2 ADDITIONAL STICK MASTS ARE VISIBLE NOW. THESE STICK MASTS PROBABLY SUPPORT HORIZONTAL ANTENNAS. THE CONTROL BUILDING, GUARDHOUSE, AND A THIRD UNIDENTIFIED SMALL BUILDING WHICH WERE PRESENT IN [] ARE ALSO OBSERVED TO BE UNCHANGED.

25X1
25X1

25X1

25X1

SORTAVALA DUAL TALL KING-AW RADAR FAC

UR 6153N 03025E

UNIDENTIFIED ACTIVITY IS VISIBLE AT THE WESTERN END OF FACILITY. A COMMUNICATIONS FACILITY IS LOCATED 1.5 NM EAST OF THE RADAR SITE AT 61-52N 030-28E. THE FACILITY IS SECURED AND CONTAINS SEVERAL UNIDENTIFIED ANTENNAS, 1 CENTRAL CONTROL BUILDING, 1 BUNKERED PROBABLE GENERATOR BUILDING, AND 1 SUPPORT BUILDING.

25X1

25X1

TOP SECRET

TOP SECRET

MISSION 4027 20-25 APR 66

25X1
25X1

25X1

BUCHAREST TALL KING FACILITY SEARCH

RU 4420N 02619E

NO TALL KING OBSERVED IN CLOUD-FREE PORTIONS. ONLY 20
PERCENT OF SEARCH AREA IS CLOUD FREE.

25X1

25X1

BALAKLAVA TALL KING FACILITY SEARCH

UR 4427N 03332E

SEVENTY-FIVE PERCENT OF SEARCH AREA COVERED BY GOOD
PHOTOGRAPHY. NO TALL KING OBSERVED.

25X1

KERCH TALL KING FACILITY SEARCH

UR 4510N 03628E

ONLY TALL KING RADAR OBSERVED IN AREA IS THE PREVIOUSLY
REPORTED KERCH TALL KING-AW RADAR FACILITY AT 45-19N
036-21E.

25X1

TOP SECRET

25X1
25X1

**Military
Activity**

TOP SECRET

MISSION 4027 20-25 APR 66

25X1
25X1MILITARY ACTIVITY

KUEI-LIN HQ 141 INFANTRY DIVISION

CH 2511N 11020E

25X1

SOUTH EDGE OF INSTALLATION OBSERVED ON CLOUD-FREE PHOTOGRAPHY. THIS APPEARS TO BE A STORAGE AREA CONSISTING OF 1 ADMINISTRATION BUILDING, 3 PROBABLE ADMINISTRATION BUILDINGS, AT LEAST 125 STORAGE BUILDINGS/ SUPPORT BUILDINGS, AND 10 POSSIBLE VEHICLE STORAGE BUILDINGS.

OB -- 15 CARGO TRUCKS, 13 PROBABLE CARGO TRUCKS, AND 12 UNIDENTIFIED VEHICLES.

25X1

KUEI-YANG STORAGE DEPOT

CH 2628N 10644E

AREA A CONTAINS 4 BARRACKS, 46 STORAGE BUILDINGS (11 UNDER CONSTRUCTION), 41 STORAGE/SUPPORT BUILDINGS, 1 RAIL TRANSSHIPMENT BUILDING, 1 SECURED STORAGE AREA, AND 2 WATER TANKS.

A RAIL SPUR IS BEING CONSTRUCTED TO THE DEPOT FROM A RAIL LINE APPROXIMATELY 1.5 NM NORTH. THIS CONSTRUCTION CONTINUES WITH THE RAIL BED APPEARING COMPLETE. SOME RAIL TIES ARE OBSERVED IN PLACE.

OB -- 5 TRACTOR-TRAILER TRUCKS, APPROXIMATELY 300 CARGO TRUCKS, 2 PROBABLE TRUCK-MOUNTED CRANES, AND 12 UNIDENTIFIED VEHICLES/PIECES OF EQUIPMENT.

AREA B -- STORAGE AND TRANSPORTATION COMPLEX EXTENDS FROM AREA A, NORTH 6 NM TO THE SOUTHERN EDGE OF KUEI-YANG. AREA CONSISTS OF 9 STORAGE AREAS CONTAINING NUMEROUS STORAGE BUILDINGS AND OPEN STORAGE CONSISTING OF LUMBER AND OTHER UNIDENTIFIED MATERIAL, A PETROLEUM STORAGE AREA WITH NUMEROUS BARRELS STACKED IN OPEN STORAGE, 2 RAIL TRANSSHIPMENT AREAS, A RAIL STATION WITH 1 LARGE MILITARY-TYPE MESSHALL, A RAIL MARSHALLING YARD WITH SWITCHING AREA, AND A LARGE REPAIR FACILITY.

OB -- 430 RAILROAD CARS, 50 RAIL TANK CARS, 150 CARGO TRUCKS, 2 CRANES, 5 TRACTOR-TRAILER TANK TRUCKS, AND 125 UNIDENTIFIED VEHICLES/PIECES OF EQUIPMENT.

(SEE ATTACHMENT)

TOP SECRET

25X1

25X1

TOP SECRET

MISSION 4027 20-25 APR 66

25X1
25X1

25X1

KUN-MING STORAGE AREAS SOUTHEAST

CH 2500N 10247E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES OR LEVEL OF ACTIVITY, OR PREVIOUSLY UNREPORTED FEATURES.

OB -- 8 PROBABLE FA PIECES, 45 CARGO TRUCKS, 1 TRUCK-MOUNTED CRANE, AND 15 UNIDENTIFIED VEHICLES.

25X1

25X1

TZU-MU-TSUNG BARRACKS NORTHWEST

TI 2941N 09423E

WESTERN 80 PERCENT OF AREA COVERED. NO SIGNIFICANT CHANGE IN FACILITIES. NO INDICATIONS OF ANY TROOP OR SUPPLY BUILDUP.

OB -- 27 CARGO TRUCKS AND 5 POSSIBLE CARGO TRUCKS. IN ADDITION, 17 CARGO TRUCKS ARE VISIBLE ON THE TZU-MU-TSUNG TO TZU-LA-DZONG HIGHWAY IN THE VICINITY OF THE CAMP.

25X1

BIROBIDZHAN ARMY BARRACKS AL 1

UR 4847N 13253E

TWO LARGE PROBABLY STORAGE BUILDINGS ARE UNDER CONSTRUCTION ON NORTH EDGE OF INSTALLATION. NO OTHER CHANGES IN FACILITIES OR PREVIOUSLY UNREPORTED FEATURES.

OB -- 30 PROBABLE TANKS/ASSAULT GUNS AND 65 CARGO TRUCKS.

25X1

BIROBIDZHAN ORDNANCE DEPOT

UR 4847N 13258E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED. NO VEHICLES, WEAPONS OR EQUIPMENT, OR INDICATIONS OF CW MUNITIONS STORAGE OBSERVED.

25X1

50

TOP SECRET

25X1
25X1

TOP SECRET

MISSION 4027 20-25 APR 66

25X1
25X1

STRYY ARMY BARRACKS SOUTHWEST AL 1

UR 4914N 02349E

FACILITIES NOT PREVIOUSLY REPORTED INCLUDE 1 FIGURE 8 DRIVER-TRAINING COURSE AND 1 CLOSED-LOOP COURSE.

OB -- 3 CARGO TRUCKS AND 55 PROBABLE CARGO TRUCKS.

25X1

25X1

ULAN-UDE ARMY BARRACKS DIVIZIONNAYA

UR 5154N 10731E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED. EIGHTY PERCENT OF INSTALLATION IS VISIBLE.

OB -- 15 TANKS/ASSAULT GUNS, 80 PROBABLE TANKS/ASSAULT GUNS, 7 PROBABLE VEHICLE-MOUNTED PONTOON BRIDGES, 7 CARGO TRUCKS, AND 200 UNIDENTIFIED VEHICLES.

25X1

LAO CAI-HANOI RR SEGMENT 1

VN 2225N 10405E

RAIL LINE COVERED FROM 22-39N 103-54E TO 22-26N 104-02E BY CLOUD-FREE PHOTOGRAPHY. APPROXIMATELY 25 RAIL CARS OBSERVED IN RAIL YARD AT 22-29N 103-59E.

25X1

HANOI--PING-HSIANG RR SEGMENT 2

VN 2126N 10620E

CONSTRUCTION ACTIVITY CONTINUES ON RAIL REALIGNMENT. APPROXIMATELY 60 RAIL CARS OBSERVED IN RAIL YARD AT 21-25N 106-17E. NINETEEN RAIL CARS AND 1 LOCOMOTIVE LOCATED IN RAIL YARD AT 21-28N 106-23E. RAIL SEGMENT COVERED FROM 21-33N 106-28E TO 21-16N 106-12E. AREA COVERED IS APPROXIMATELY 50 PERCENT CLOUD FREE.

25X1

HANOI--PING-HSIANG RR SEGMENT 3

VN 2110N 10604E

RAIL LINE COVERED FROM 21-14N 106-06E TO 20-58N 105-50E WITH AREA 50 PERCENT CLOUD FREE. NO NEW CONSTRUCTION NOTED. APPROXIMATELY 75 RAIL CARS OBSERVED IN RAIL

TOP SECRET

25X1

25X1

25X1

TOP SECRET

MISSION 4027 20-25 APR 66

YARD AT 21-07N 105-59E.

25X1

TOP SECRET

25X1

25X1

Complexes

TOP SECRET

MISSION 4027 20-25 APR 66

25X1
25X1

COMPLEXES

NAN-NING COMPLEX

CH 2249N 10819E

IDENTIFICATION ONLY.

25X1

25X1

KUN-MING COMPLEX

CH 2504N 10241E

NO NEW CONSTRUCTION OR SIGNIFICANT CHANGES IN
INDUSTRIAL FACILITIES OR LEVEL OF ACTIVITY OBSERVED.
NO APPARENT INDICATIONS OF TROOP OR SUPPLY BUILDUP.

25X1

PING-HSIANG COMPLEX

CH 2207N 10646E

IDENTIFICATION ONLY.

25X1

AN-NING COMPLEX

CH 2455N 10229E

NO SIGNIFICANT NEW CONSTRUCTION OBSERVED. LEVEL OF
ACTIVITY AT STEEL PLANT AND CHEMICAL PLANT PROBABLY LOW
AS NO SMOKE IS OBSERVED COMING FROM ANY STACKS.

25X1

TOP SECRET

25X1
25X1

**Other
Activity**

TOP SECRET

MISSION 4027 20-25 APR 66

25X1

25X1

OTHER ACTIVITY

NYANDOMA SENSITIVE OPERATIONS COMPLEX

UR 6139N 04015E

25X1

A NEWLY IDENTIFIED HARDENED (SUBSURFACE) ANTENNA AND CONTROL BUNKER ARE LOCATED APPROXIMATELY 1,500 FT SW OF THE MAINTENANCE AREA. PROPAGATION DIRECTION APPEARS TO BE TOWARD MOSCOW. UNIDENTIFIED ACTIVITY WAS FIRST NOTED IN THIS AREA ON [REDACTED] THIS FINDING, AND THE DISCOVERY OF HIGH FREQUENCY COMMUNICATIONS AT THE ZHUKOVKA SENSITIVE OPERATIONS COMPLEX, HAS NECESSITATED REVIEW OF OTHER SENSITIVE OPERATIONS COMPLEXES. AS A RESULT OF THIS REVIEW, HARDENED ANTENNAS HAVE BEEN LOCATED AT THE RECHITSA AND BORISOGLEBSK COMPLEXES [REDACTED] BOTH ARE SIMILAR TO THE ONE AT NYANDOMA, AND BOTH ALSO APPEAR TO BE ORIENTED TOWARD MOSCOW.

25X1

25X1

THE OUTLINE OF THE PAD OF A POSSIBLE HELICOPTER FACILITY IS VISIBLE UNDER HEAVY SNOW SOUTH OF AND ACROSS THE CENTRAL SERVICE ROAD FROM THE HARDENED ANTENNA.

VERY LITTLE ACTIVITY IS VISIBLE IN THE ENTIRE COMPLEX, AND ALL ROADS ARE STILL SNOW COVERED.

ALTHOUGH THERE IS ROLLING STOCK IN THE RAIL FACILITY, PHOTO INTERPRETABILITY PRECLUDES MENSURATION/COUNT.

(SEE ATTACHMENT)

25X1

ZHUKOVKA SENSITIVE OPS CMLX OPS AREA

UR 5333N 03357E

25X1

BUNKERS 5 AND 6 ARE NEARING COMPLETION. A CONSTRUCTION CRANE, REMAINING BESIDE BUNKER 6, INDICATES THAT HEAVY CONSTRUCTION IS CONTINUING. VENTILATORS ARE VISIBLE ON ROOF OF BUNKER FOR THE FIRST TIME. ONLY THE ENTRANCES OF BUNKER 5 REMAIN TO BE COMPLETED. A 20-FT-DIAMETER VERTICAL CYLINDRICAL TANK LOCATED 115 FT FROM THE BUNKER INDICATES THAT THE BUNKER IS HEATED BY A SELF-CONTAINED HEATER. A LARGE UNIDENTIFIED OBJECT, [REDACTED] IS ON A TURNAROUND HARDSTAND JUST OUTSIDE THE LARGE DRIVE-THROUGH BUILDING OF THE OPERATIONS SUPPORT FACILITY. THE OBJECT APPEARS TO BE A CANNISTER OR CRATE. A PROBABLE HELICOPTER FACILITY IS UNDER CONSTRUCTION WEST OF THE OPERATIONS AREA, NORTH OF THE

25X1

25X1

TOP SECRET

25X1

TOP SECRET

MISSION 4027 20-25 APR 66

25X1

25X1

CENTRAL SERVICE ROAD. LAYOUT OF THE AREA IS T-SHAPED, SIMILAR TO THOSE AT BULYZHINO AND RECHITSA. EXCAVATION AT THE WESTERN END OF THE T APPEARS UNNECESSARILY DEEP, AND THERE IS UNIDENTIFIED MATERIAL IN THE EXCAVATION WHICH MAY BE FOR FOOTINGS OR PIERS TO SUPPORT THE PAD ITSELF.

THERE IS NO EVIDENCE OF FACILITIES FOR PRE-CASTING AT THE BATCH PLANT OUTSIDE THE OPERATIONS AREA. THIS TENDS TO INDICATE THAT THE BUNKERS ARE CONSTRUCTED OF POURED CONCRETE RATHER THAN PRECAST PANELS.

(SEE ATTACHMENT)

25X1

ZHUKOVKA SENSITIVE OPS CMPLX SUPT AREA

UR 5329N 03353E

25X1

A NEWLY IDENTIFIED, HIGH-FREQUENCY COMMUNICATIONS FACILITY IS IN THE NORTHERN PART OF THE SUPPORT AREA. FACILITY IS ENCLOSED BY A NEWLY-BUILT FENCE AND CONSISTS OF 3 MASTS (PROBABLY DIPOLE SUPPORTS), AN EARTH-MOUNDED POL TANK, A CONTROL BUILDING, AND A SMALL PROBABLE GENERATOR BUILDING. PROPAGATION DIRECTION APPEARS TO BE TOWARD MOSCOW.

BREAKDOWN OF RAILCARS IN THE RAIL FACILITY --

73-78 FT -- 29 CARS.

62-70 FT -- 9 CARS.

56-60 FT -- 3 CARS.

45-48 FT -- 3 CARS.

80-85 FT -- 5 CARS.

(SEE ATTACHMENT)

25X1

TOP SECRET

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25X1

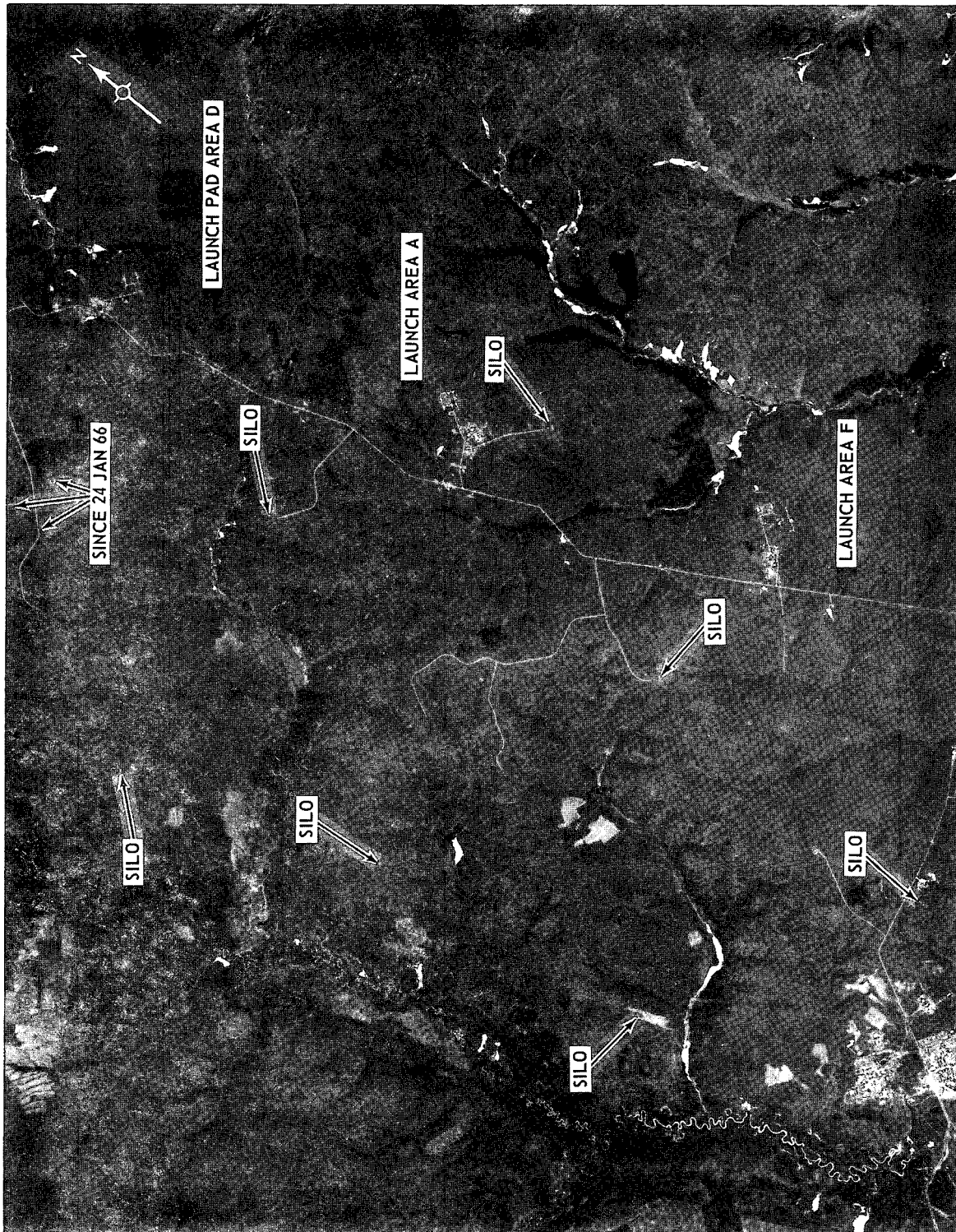
Attachments

TOP SECRET

MISSION 4027, 20-25 APRIL 1966

ATTACHMENT 1

25X1



TYPE 111D SITES, SVOBODNYY ICBM COMPLEX, USSR

NPIC K-8084 (4/66)

TOP SECRET

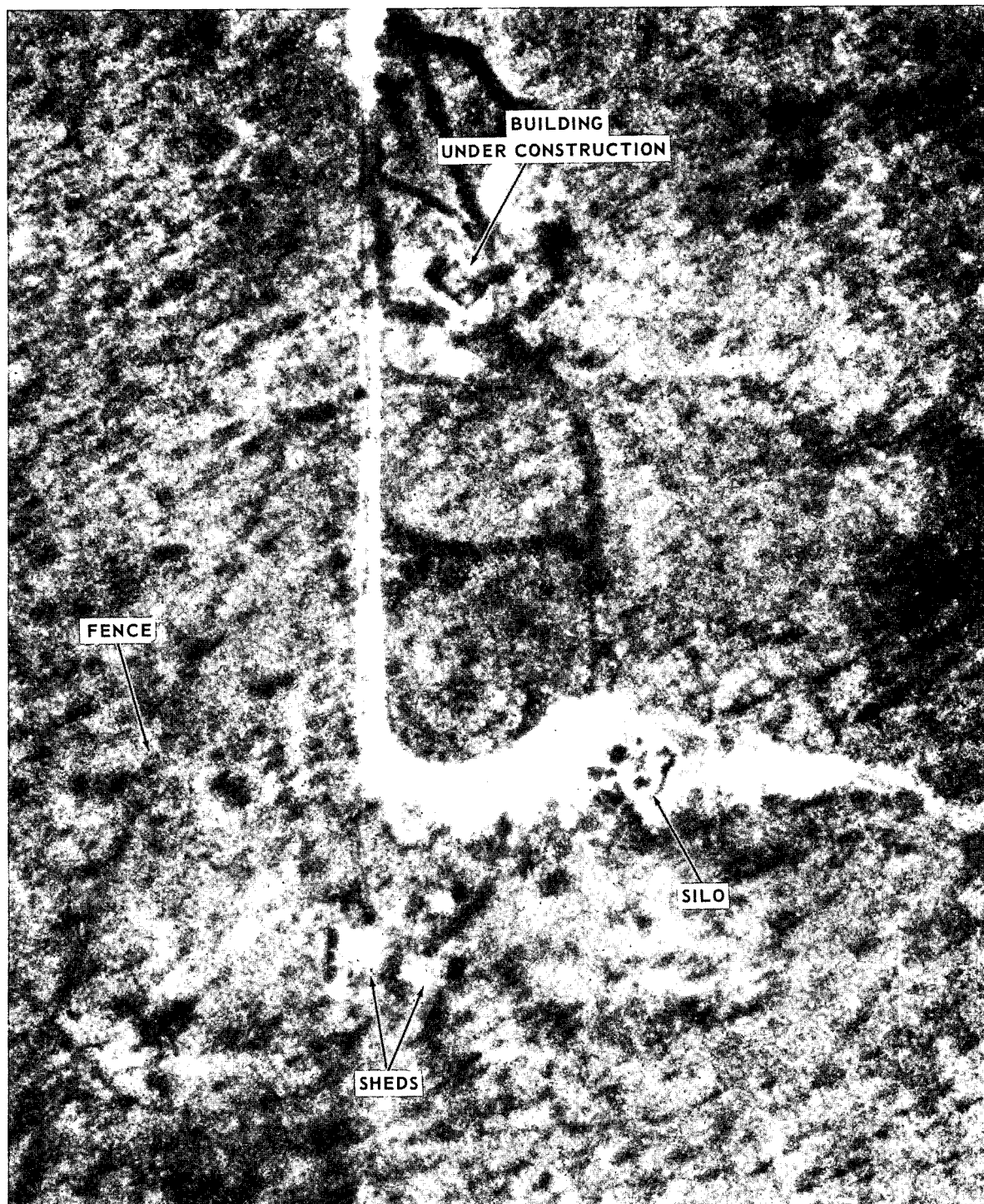
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MISSION 4027, 20-25 APRIL 1966

ATTACHMENT 2

25x1



NPIC K-8085 (4/66)

TYPE 111D SITE, SVOBODNYI ICBM COMPLEX, USSR

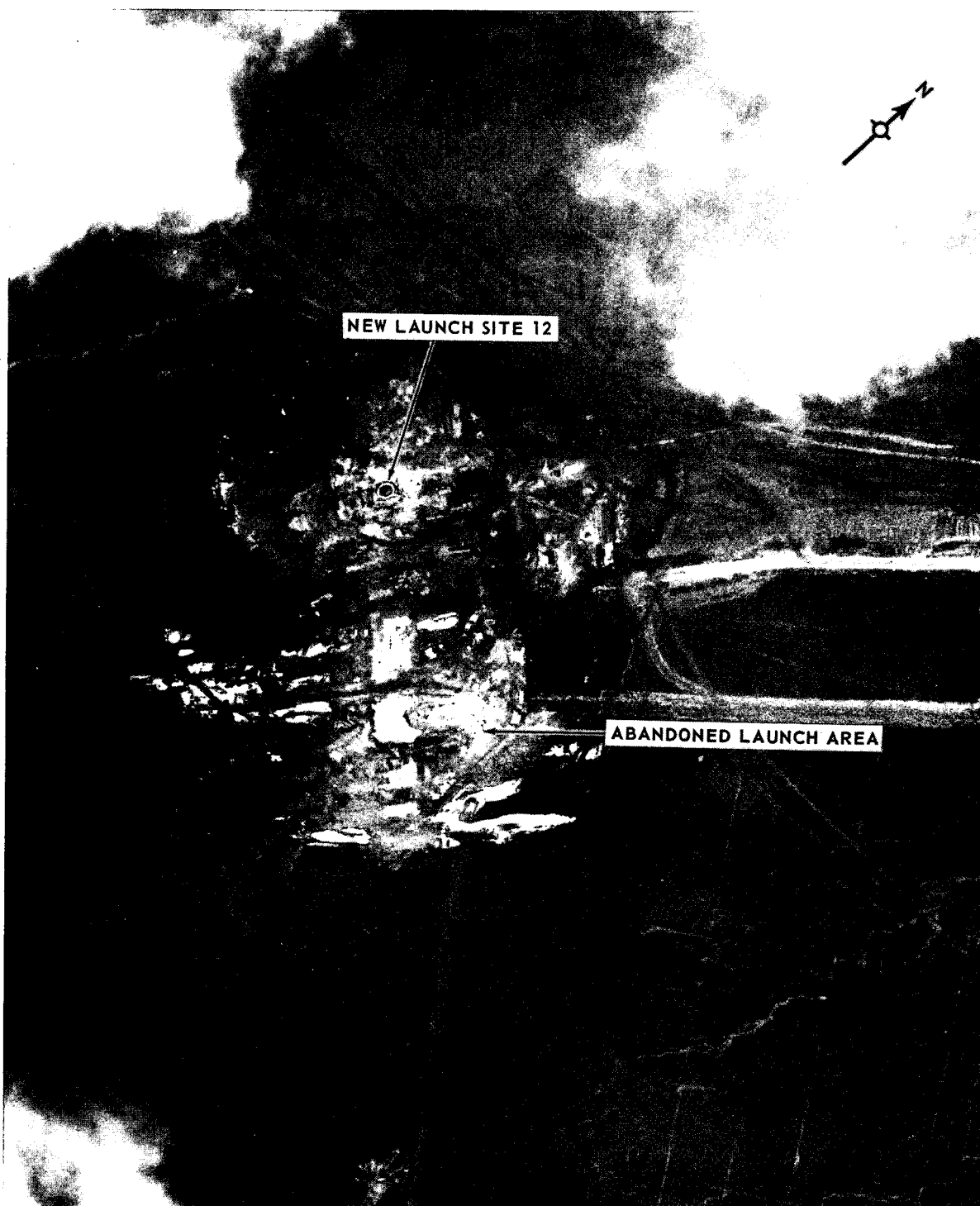
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MISSION 4027, 20-25 APRIL 1966

ATTACHMENT 3



LAUNCH AREA D, ALEYSK ICBM COMPLEX, USSR

NPIC K-6086 (4/66)

TOP SECRET

TOP SECRET

MISSION 4027, 20-25 APRIL 1966

ATTACHMENT 4

25X1



PROBABLE ABM LAUNCH COMPLEX UNDER CONSTRUCTION AT SAM SITE E33-1, MOSCOW, USSR

NPTC K-8087 (4/66)

TOP SECRET

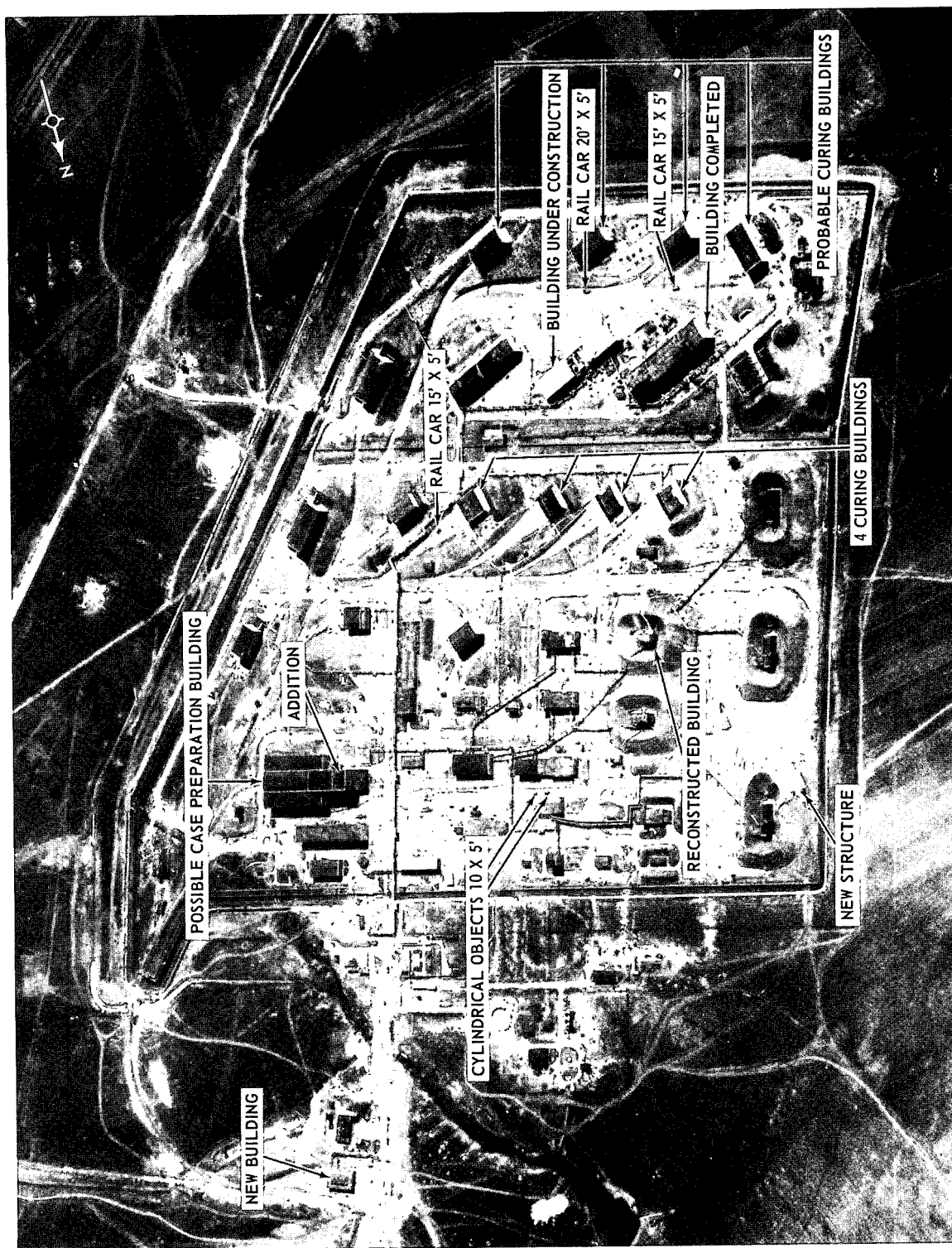
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MISSION 4027, 20-25 APRIL 1966

ATTACHMENT 5

25X1



ADVANCED SOLID PROPELLANT PRODUCTION AREA, CHEMICAL COMBINE 101, KAMENSK-SHAKHTINSKIY, USSR

NPIC K-8088 (4/66)

TOP SECRET

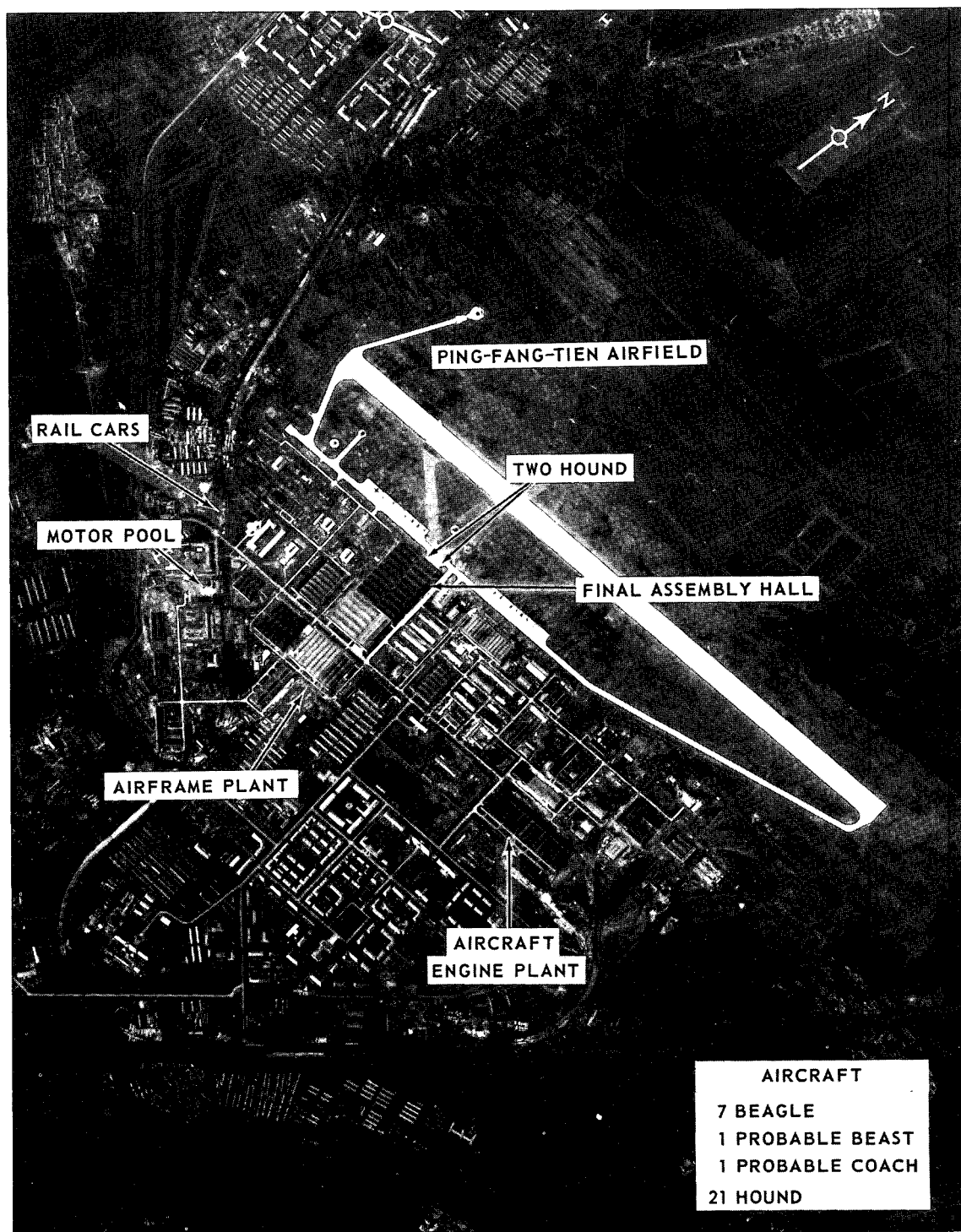
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TOP SECRET

MISSION 4027, 20-25 APRIL 1966

ATTACHMENT 6

25X1



AIRFRAME PLANT PING-FANG-TIEN, HA-ERH-PIN, CHINA

NPIC K-8089 (4/66)

TOP SECRET

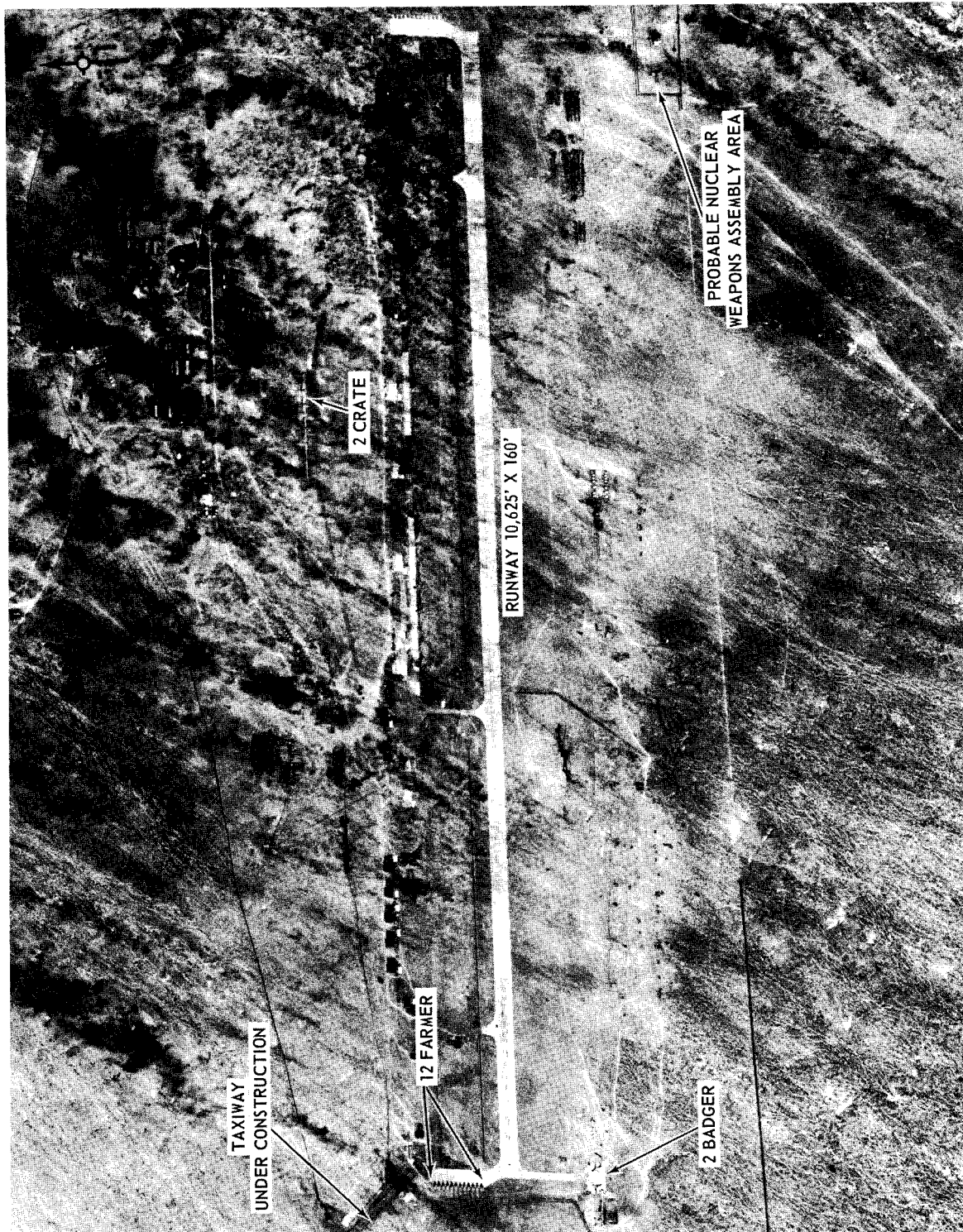
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TOP SECRET

MISSION 4027, 20-25 APRIL 1966

ATTACHMENT 7

25X1



TOP SECRET

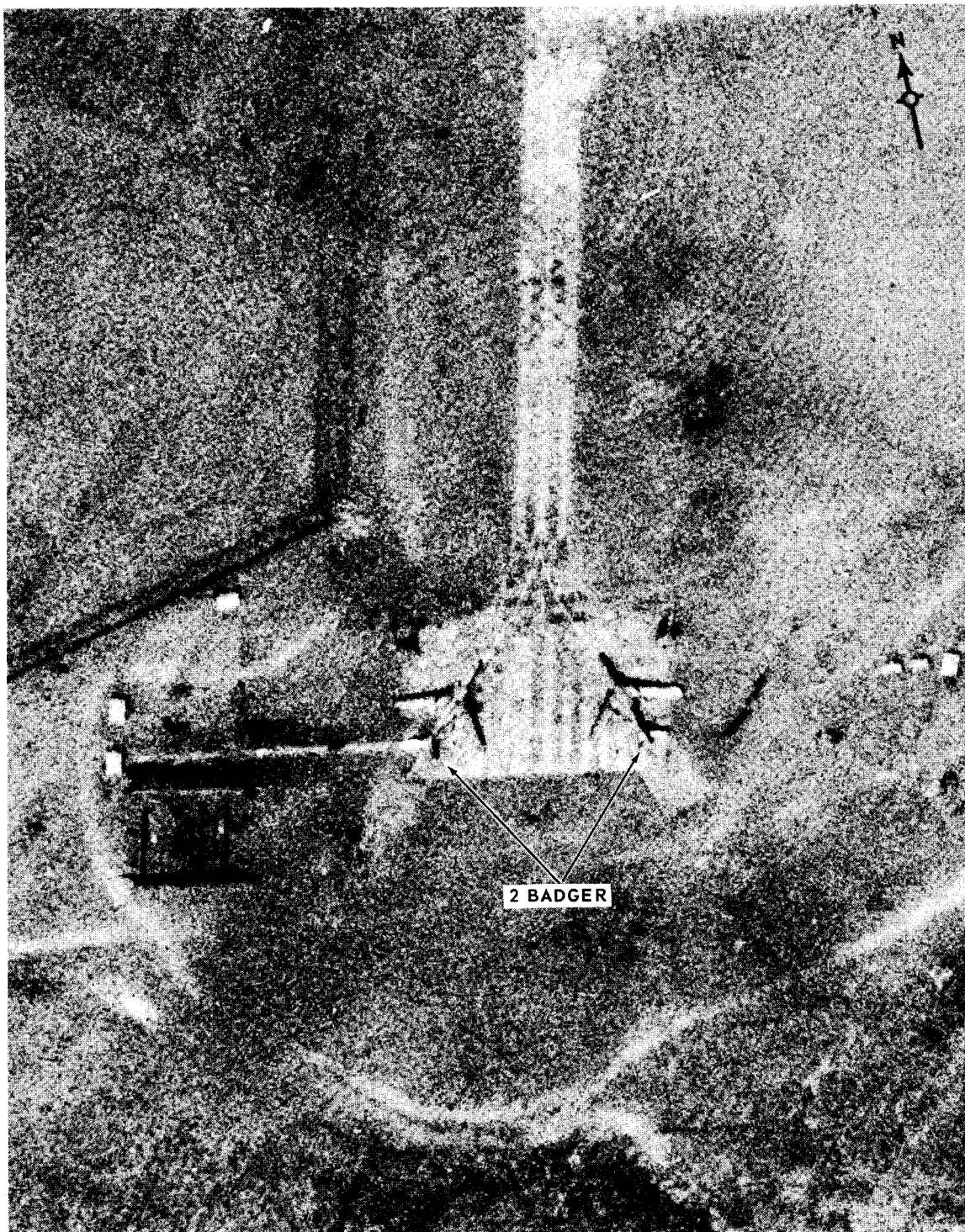
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TOP SECRET

MISSION 4027, 20-25 APRIL 1966

ATTACHMENT 8



2 BADGER

NPIC K-8091 (4/66)

CHIU-HO-SHIH AIRFIELD, CHINA

TOP SECRET

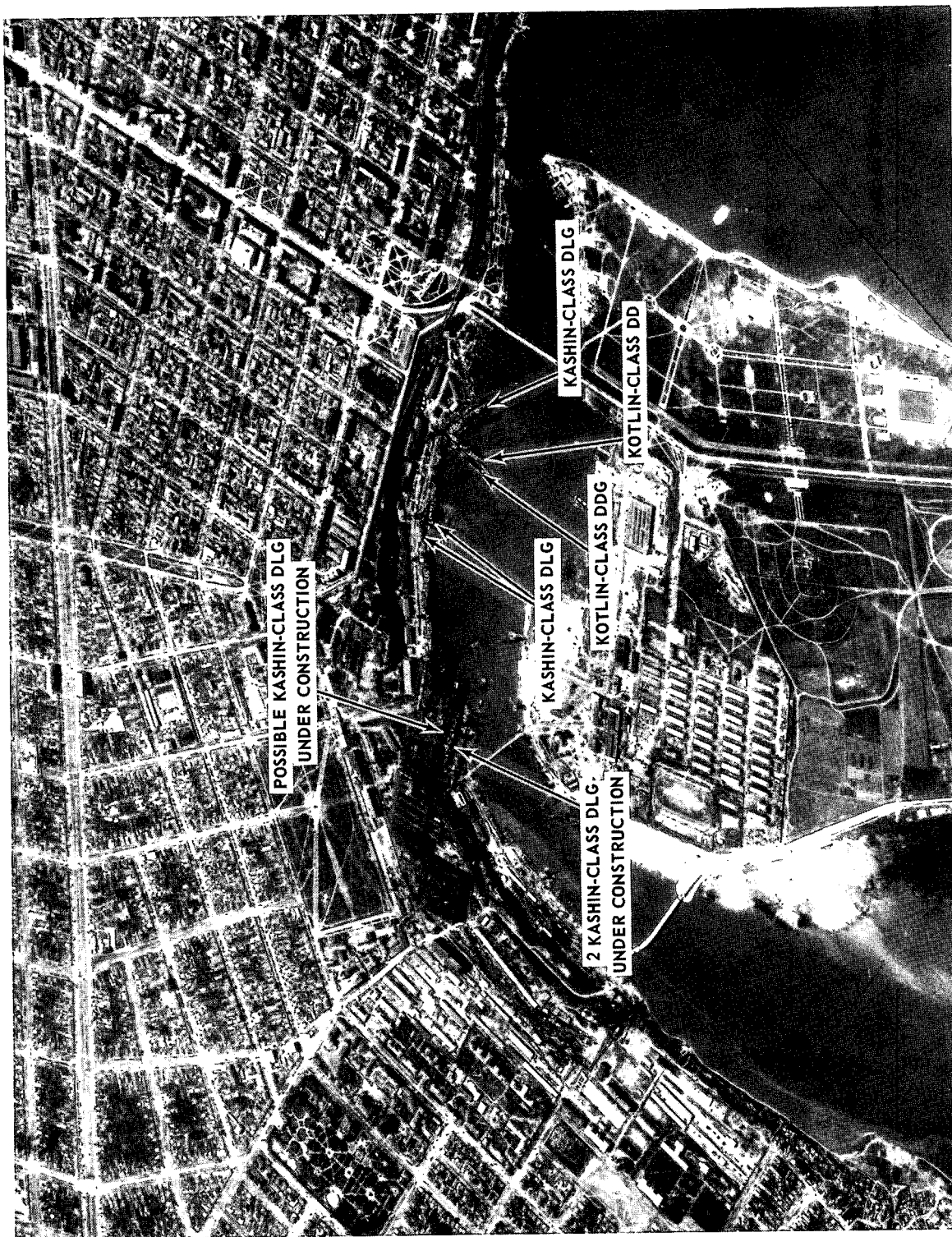
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TOP SECRET

MISSION 4027, 20-25 APRIL 1960

ATTACHMENT 13



SHIPYARD NORTHERN 61, KOMMUNA 445, NIKOLAYEV, USSR

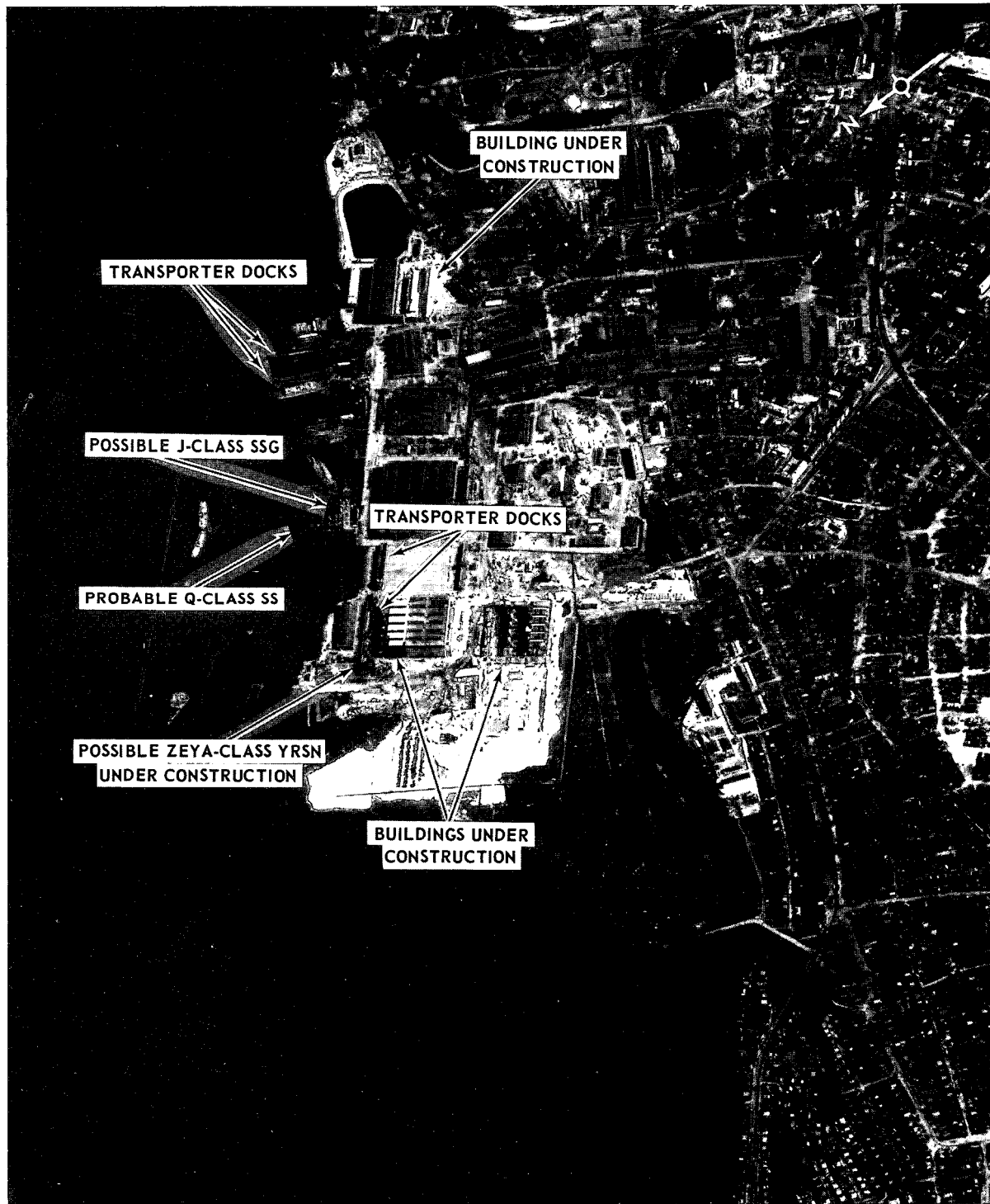
NPIC K-8096 (4/66)

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MISSION 4027, 20-25 APRIL 1966

ATTACHMENT 14



SHIPYARD AND HEAVY EQUIPMENT PLANT 122, GORKIY, USSR

NPIC K-8097 (4/66)

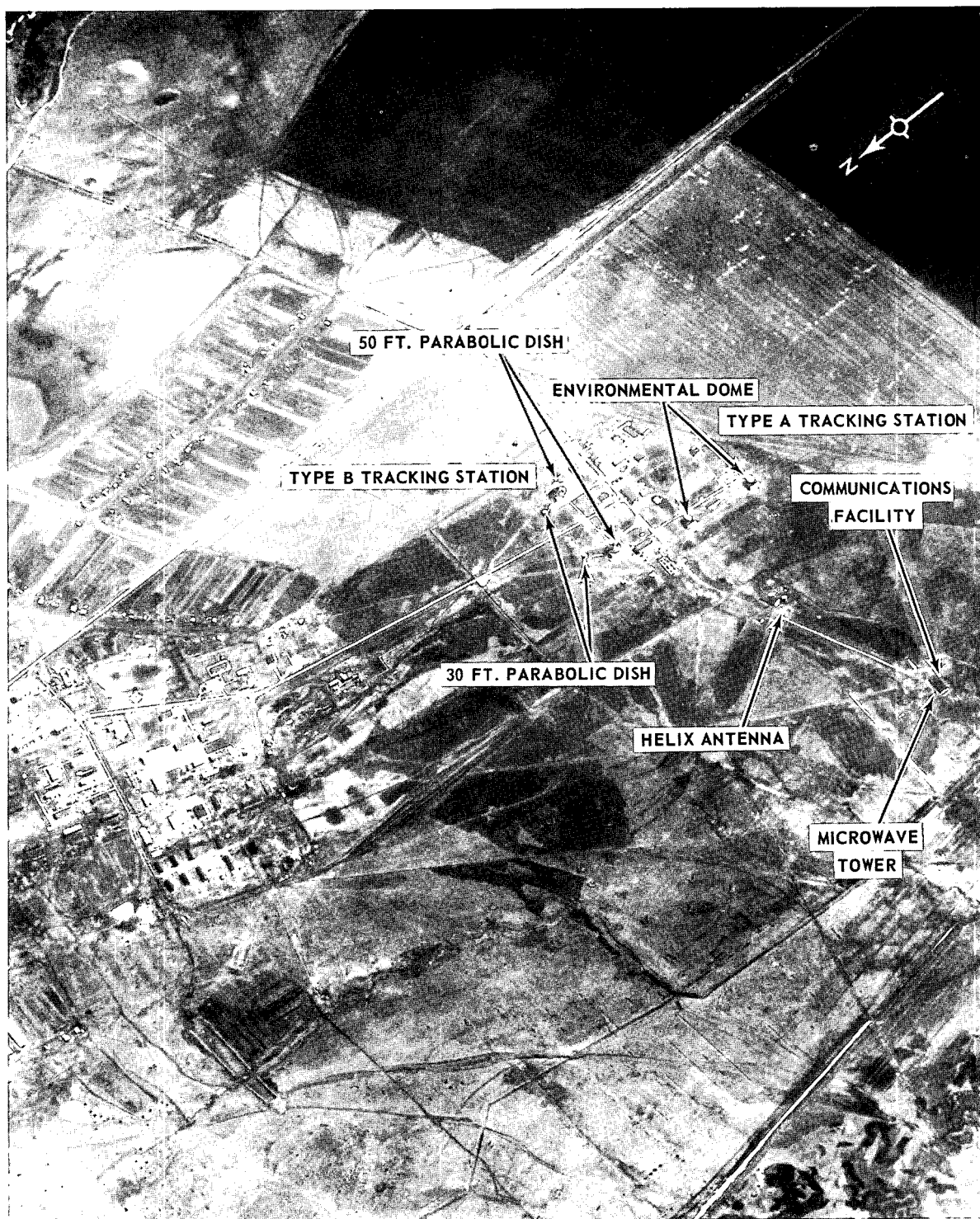
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MISSION 4027, 20-25 APRIL 1966

ATTACHMENT 15

25X1
25X1



ESV TRACKING STATIONS, GALENKI, USSR

NPIC K-8098 (4/66)

TOP SECRET

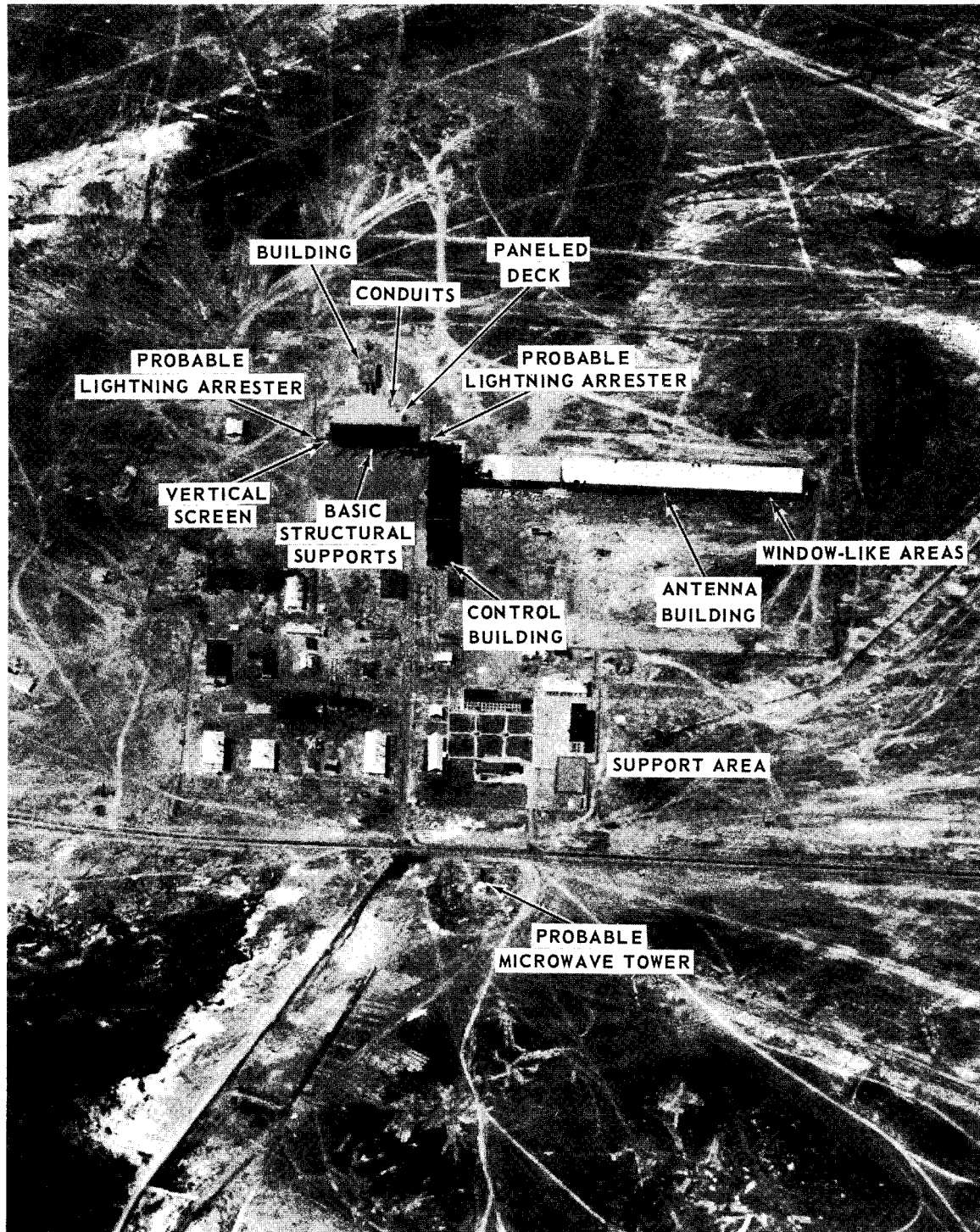
25X1

TOP SECRET

25X1

MISSION 4027, 20-25 APRIL 1966

ATTACHMENT 16



HEN HOUSE ANTENNA (RADAR SITE 1) SARY-SHAGAN ANTIMISSILE TEST CENTER, USSR

NPIC K-8099 (4/66)

TOP SECRET

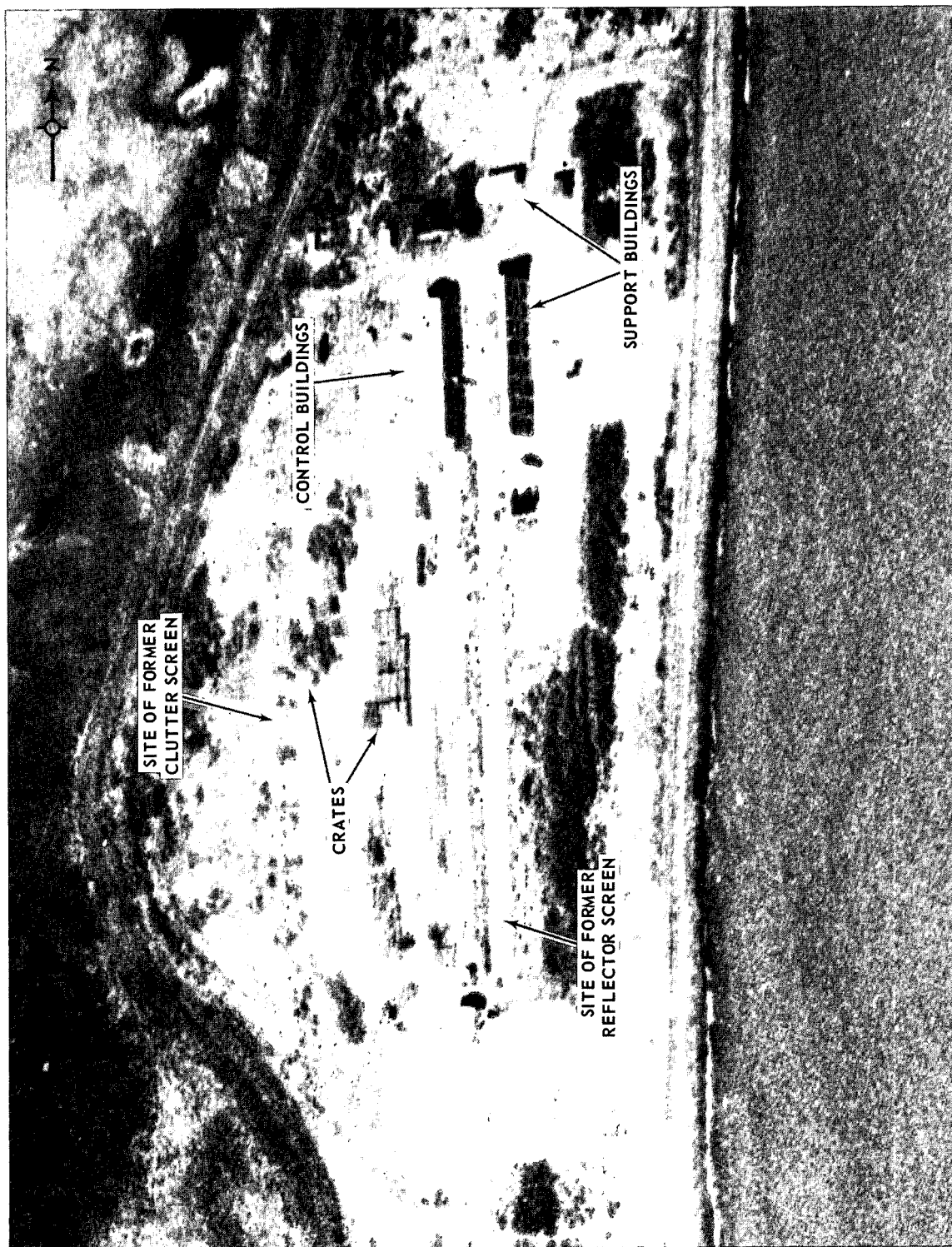
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TOP SECRET

MISSION 4027, 20-25 APRIL 1966

ATTACHMENT 17

25X1



HEN ROOST ANTENNA NORTH (RADAR SITE 2), SARY-SHAGAN ANTIMISSILE TEST CENTER, USSR

NPIC K-8100 (4/66)

TOP SECRET

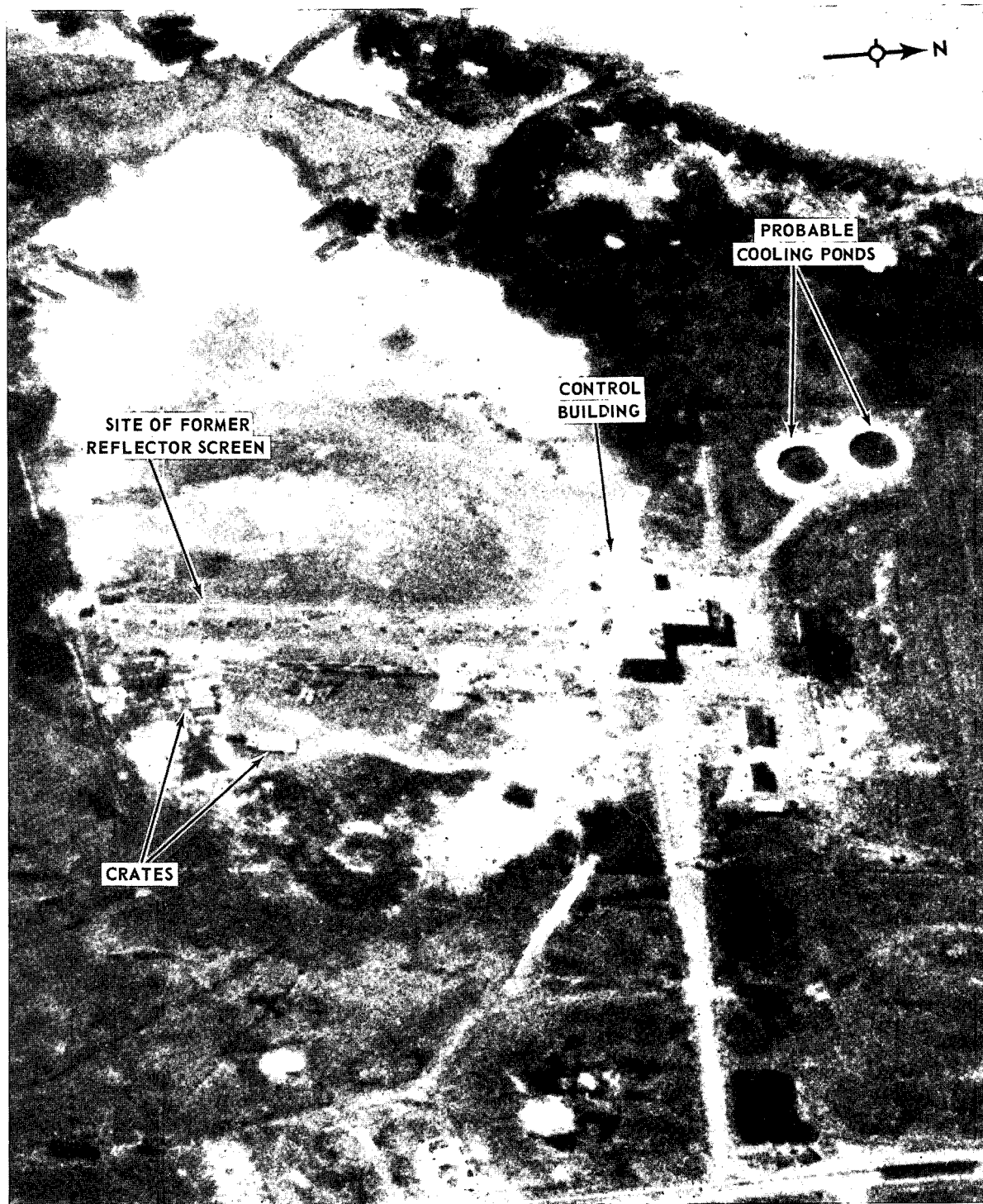
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TOP SECRET

MISSION 4027, 20-25 APRIL 1966

ATTACHMENT 18

25X1
2001



HEN ROOST ANTENNA SOUTH (RADAR SITE 2), SARY-SHAGAN ANTIMISSILE TEST CENTER, USSR

TOP SECRET

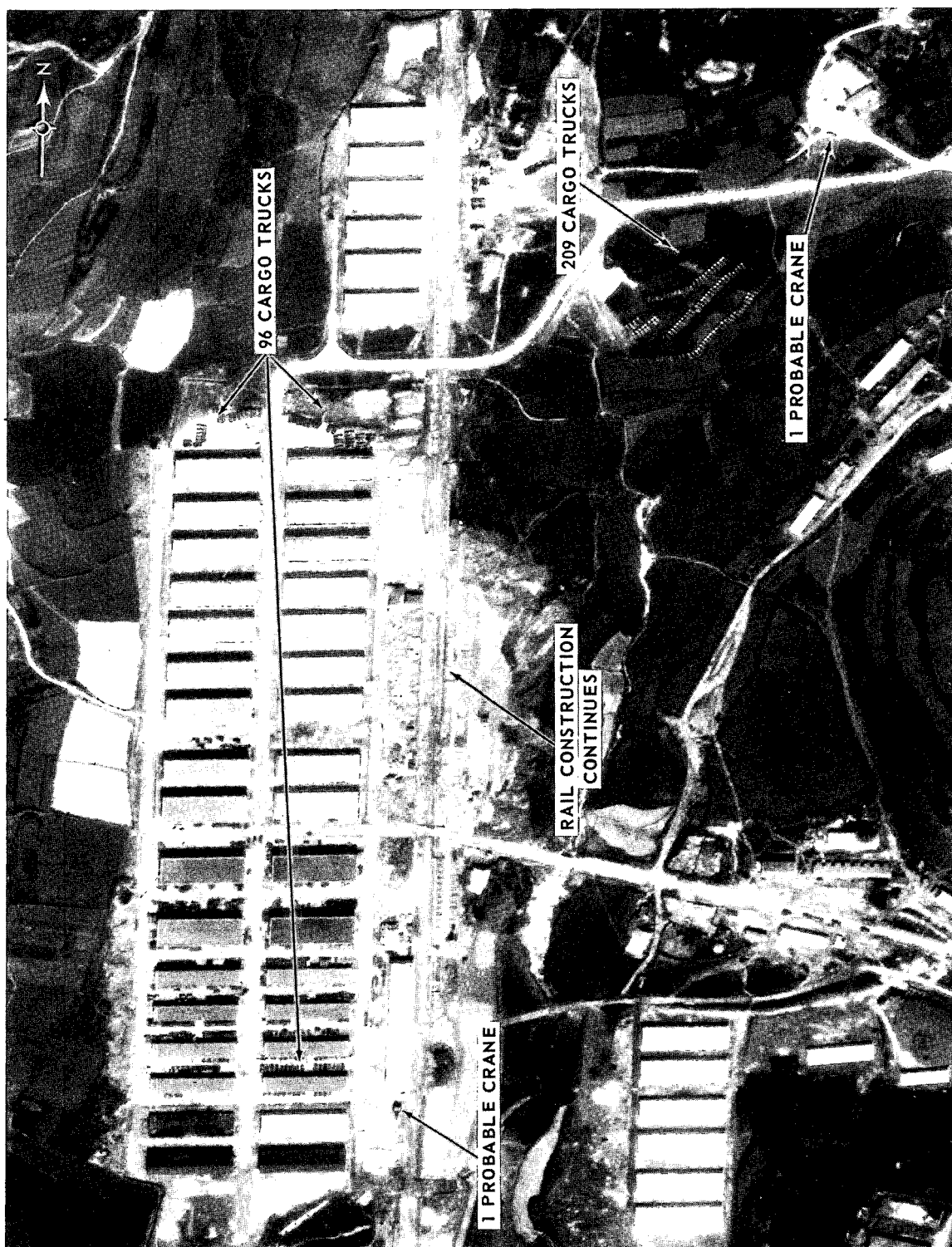
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TOP SECRET

MISSION 4027, 20-25 APRIL 1966

ATTACHMENT 19

25X1



STORAGE DEPOT, KUEI-YANG, CHINA

NPIC K-8702 (4/66)

TOP SECRET

25X1

TOP SECRET

MISSION 4027, 20-25 APRIL 1966

ATTACHMENT 20

REV 1
25X1



SENSITIVE OPERATION COMPLEX, NYADOMA, USSR

NPIC K-8108 (4/66)

TOP SECRET

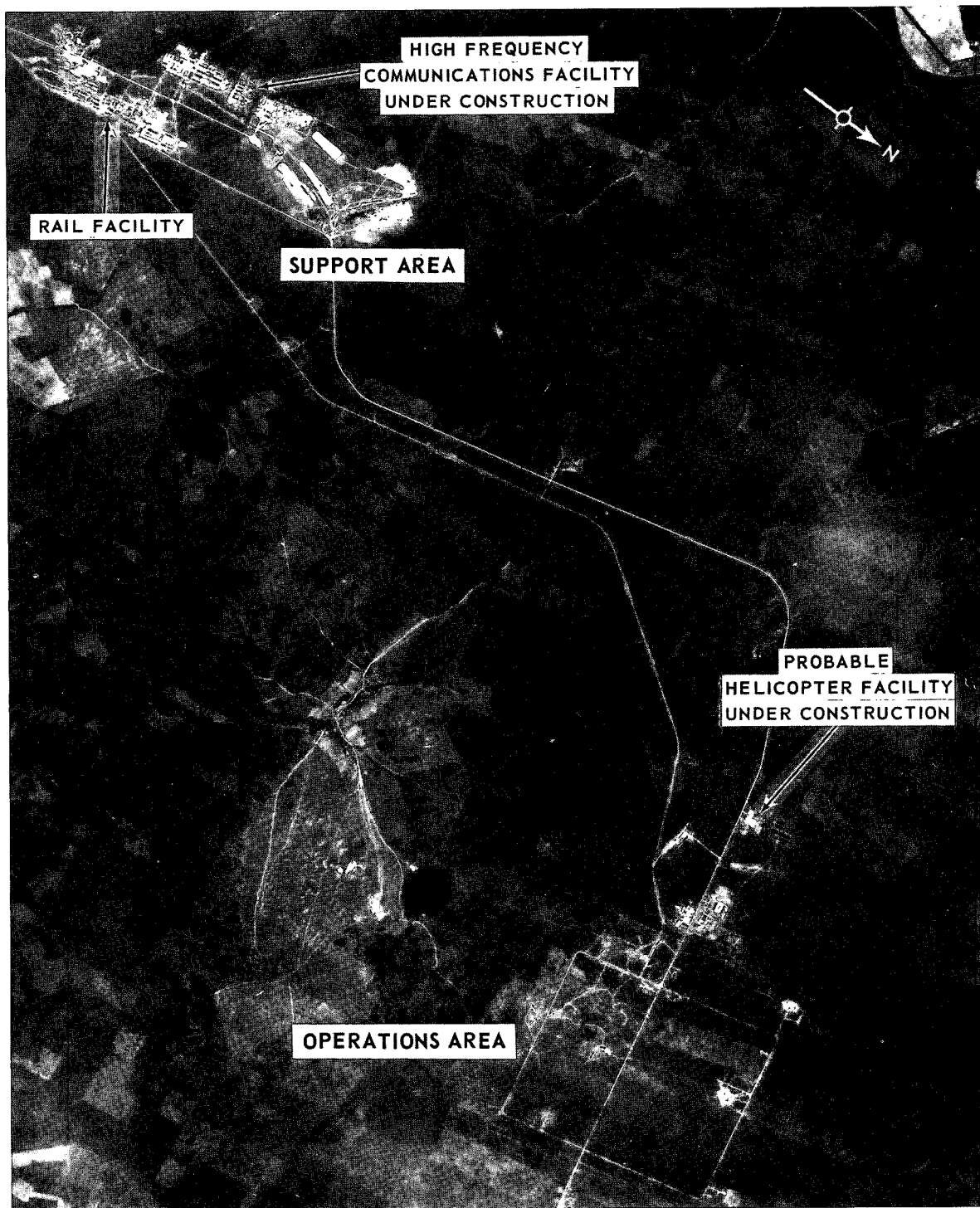
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TOP SECRET

MISSION 4027, 20-25 APRIL 1966

ATTACHMENT 21

25X1



NPIC K-8104 (4/66)

SENSITIVE OPERATIONS COMPLEX, ZHUKOVA, USSR

TOP SECRET

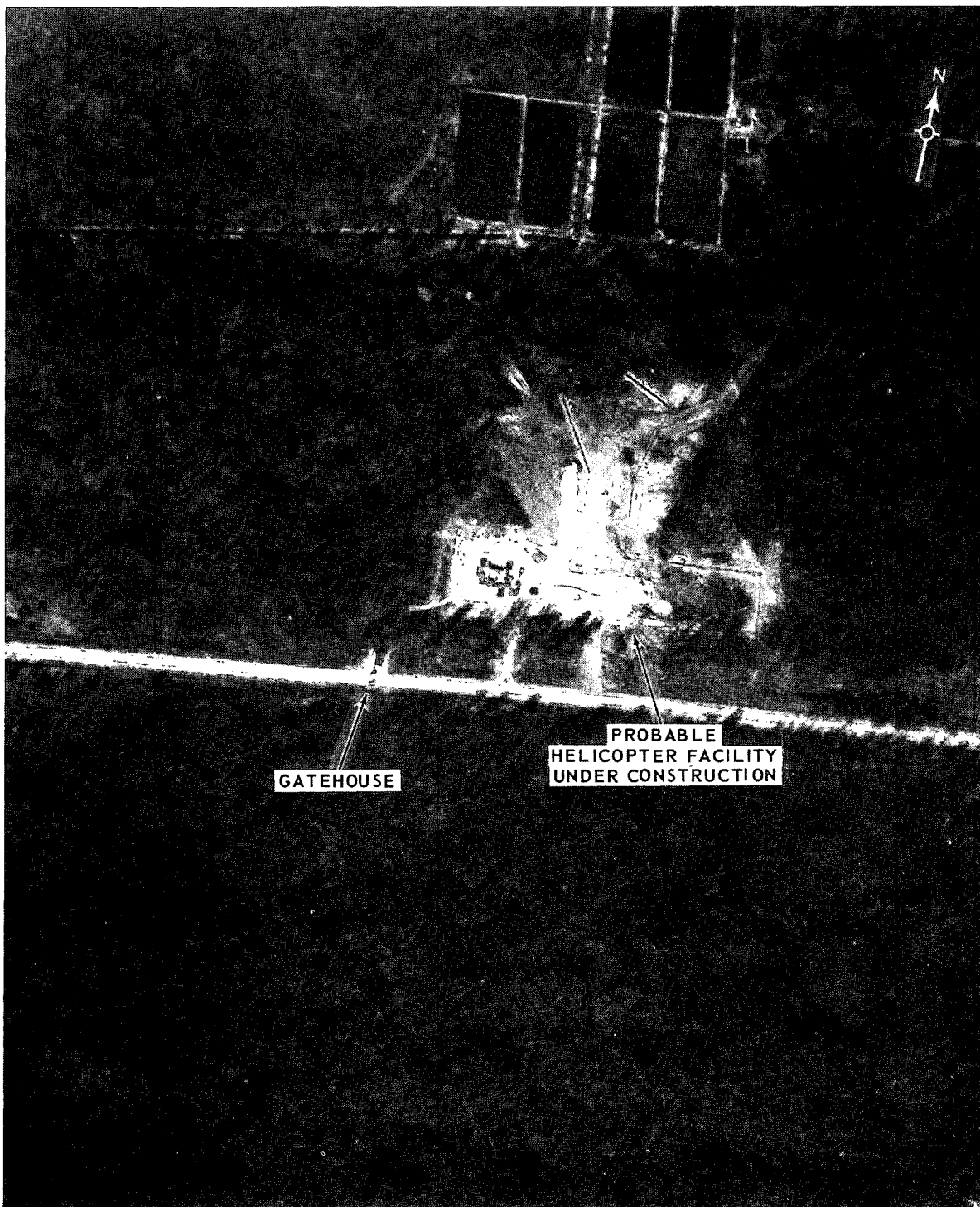
25X1

TOP SECRET

MISSION 4027, 20-25 APRIL 1966

ATTACHMENT 22

25X1
25X1



PROBABLE HELICOPTER FACILITY UNDER CONSTRUCTION, ZHUKOVKA, USSR

NPIC K-8105 (4/66)

TOP SECRET

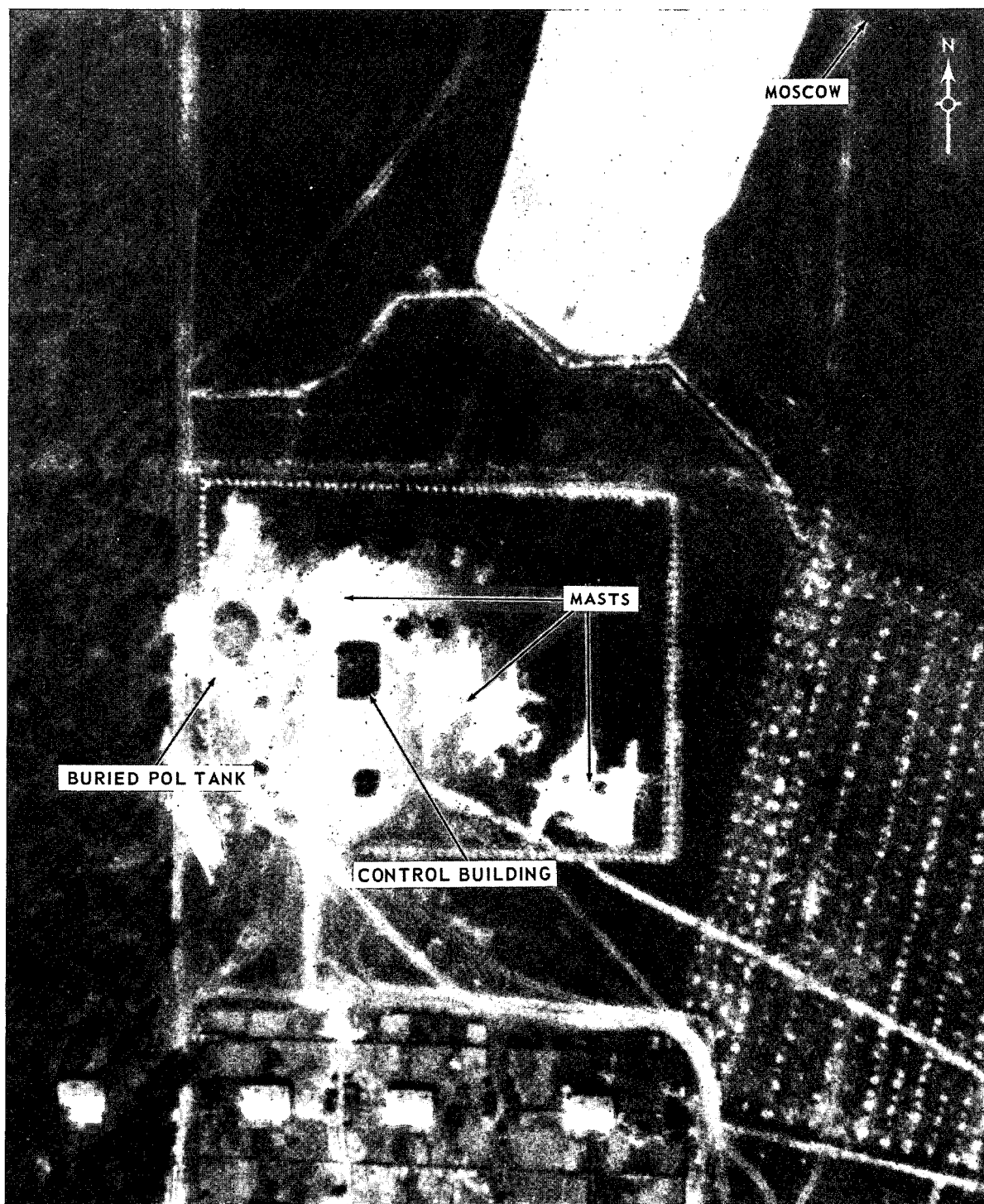
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TOP SECRET

MISSION 4027, 20-25 APRIL 1966

ATTACHMENT 23

25X1
25X1



HF COMMUNICATION FACILITY UNDER CONSTRUCTION, ZHUKOVKA, USSR

NPIC K-8106 (4/66)

TOP SECRET

25X1

TOP SECRET

TOP SECRET